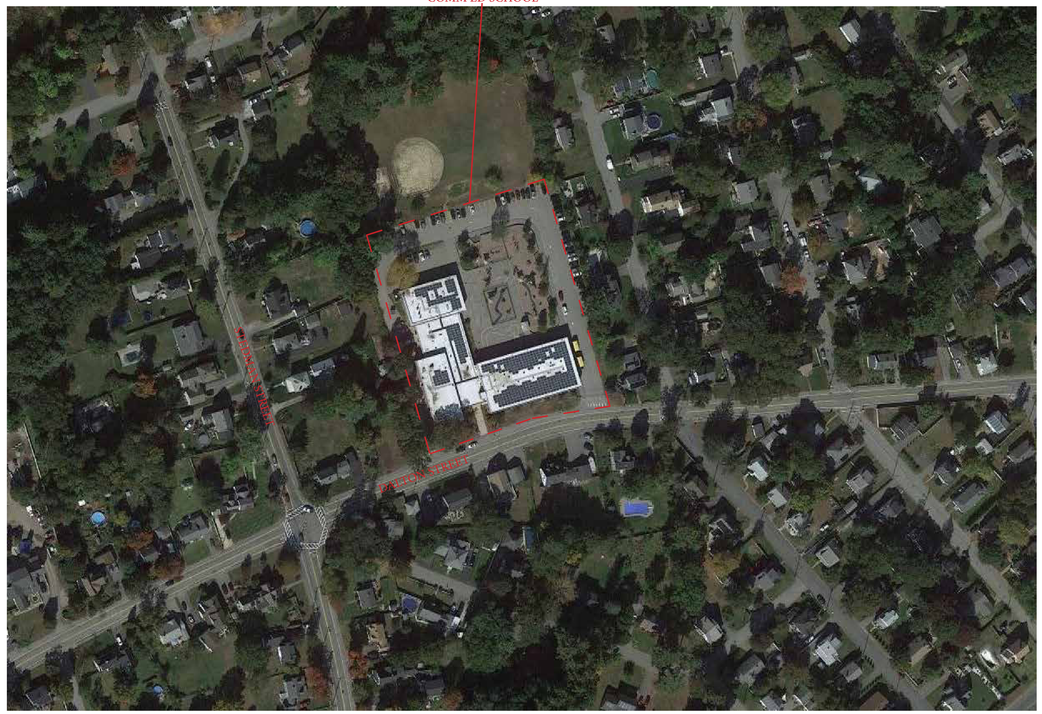
TOWN OF CHELMSFORD

COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824

Client Logo:

Weston & Sampson Engineers, Inc.
100 Foxborough Boulevard, Suite 250
Foxborough, MA 02035
978.532.1900 800.SAMPSON

www.westonandsampson.com



Location Map

DRAWING LIST

GENERAL	
G000	TITLE SHEET
ARCHITECTURAL DEMOLITION	
AD101	DEMOLITION FIRST FLOOR PLAN
AD102	DEMOLITION SECOND FLOOR PLAN
AD701	LARGE SCALE DEMOLITION PLANS
AD702	LARGE SCALE REFLECTED CEILING DEMOLITION PLANS
ARCHITECTURAL	
A011	ABBREVIATIONS, SYMBOLS, LEGEND AND GENERAL NOTES
A021	GENERAL NOTES
A101	FIRST FLOOR PLAN
A102	SECOND FLOOR PLAN
A701	LARGE SCALE PLANS / INTERIOR ELEVATIONS
A702	LARGE SCALE PLANS / INTERIOR ELEVATIONS
A703	LARGE SCALE PLANS / INTERIOR ELEVATIONS
A704	LARGE SCALE REFLECTED CEILING PLANS
A801	DOOR, SIGN, & FINISH SCHEDULE
PLUMBING	
PD101	FIRST FLOOR DEMO PLUMBING PLAN
PD102	SECOND FLOOR DEMOLITION PLAN
PD401	ENLARGED DEMOLITION PLANS
PLUMBING	
P000	PLUMBING LEGENDS, NOTES AND ABBREVIATIONS
P101	PLUMBING PIPING PLAN
P102	PLUMBING SECOND FLOOR PLAN
P401	ENLARGED PLANS

Issue Date: JUNE 22, 2022

Issued For: BIDDING

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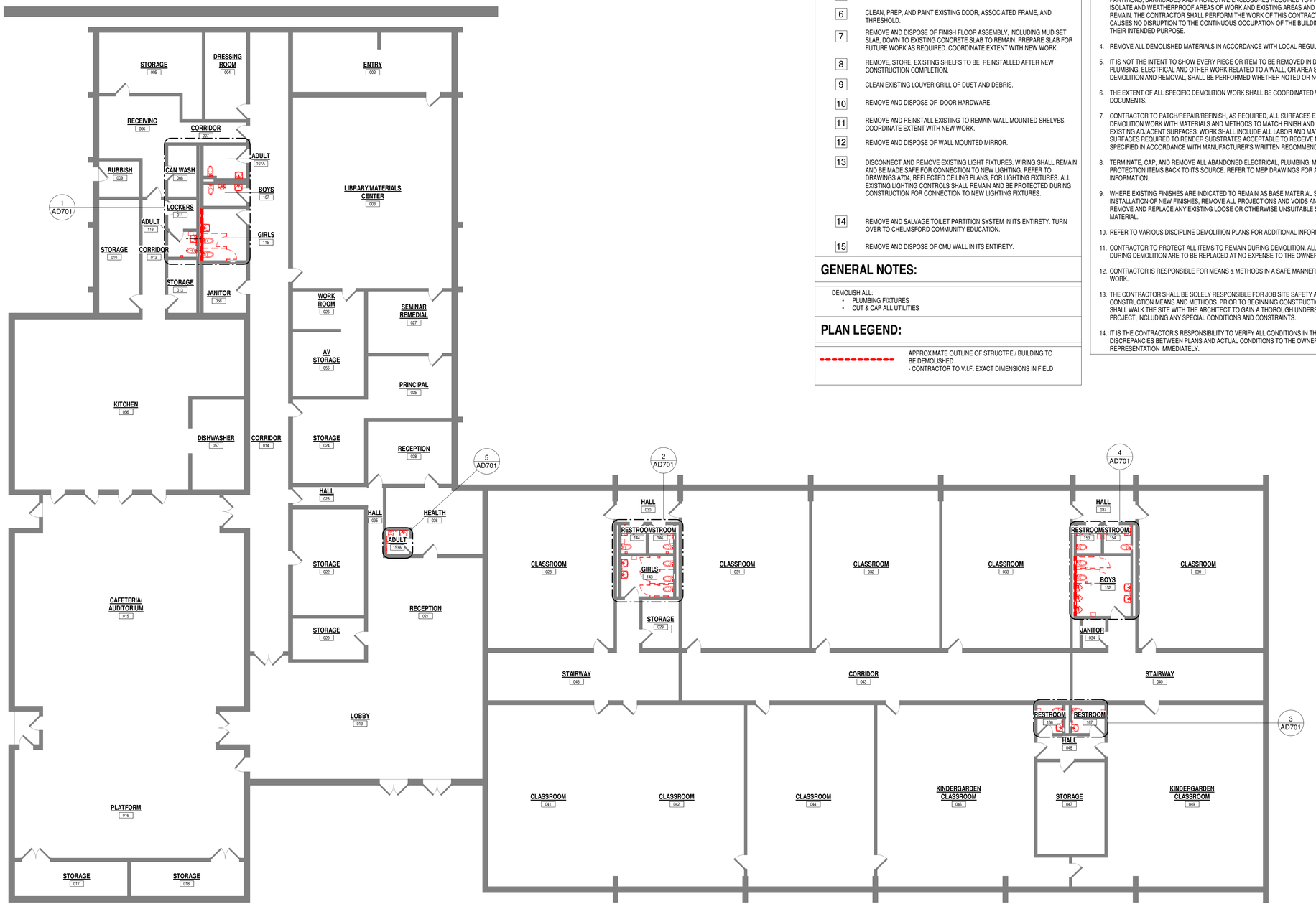

1 FIRST FLOOR DEMOLITION PLAN
3/32" = 1'-0"

0' 4' 8' 16'
SCALE: 3/32" = 1'-0"

SPECIFIC DEMOLITION NOTES:

1. REMOVE AND DISPOSE OF FIXTURE. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
2. REMOVE AND DISPOSE OF TOILET/LAVATORY ACCESSORIES AS INDICATED ON PLANS (I.E. GB, TTD, SND, PTD, SD).
3. REMOVE AND DISPOSE OF TOILET PARTITION SYSTEM IN ITS ENTIRETY.
4. REMOVE AND DISPOSE OF ACOUSTIC METAL TILE CEILING IN ITS ENTIRETY.
5. CLEAN AND PREP CEILING FOR PAINT.
6. CLEAN, PREP, AND PAINT EXISTING DOOR, ASSOCIATED FRAME, AND THRESHOLD.
7. REMOVE AND DISPOSE OF FINISH FLOOR ASSEMBLY, INCLUDING MUD SET SLAB, DOWN TO EXISTING CONCRETE SLAB TO REMAIN. PREPARE SLAB FOR FUTURE WORK AS REQUIRED. COORDINATE EXTENT WITH NEW WORK.
8. REMOVE, STORE, EXISTING SHELFS TO BE REINSTALLED AFTER NEW CONSTRUCTION COMPLETION.
9. CLEAN EXISTING LOUVER GRILL OF DUST AND DEBRIS.
10. REMOVE AND DISPOSE OF DOOR HARDWARE.
11. REMOVE AND REINSTALL EXISTING TO REMAIN WALL MOUNTED SHELVES. COORDINATE EXTENT WITH NEW WORK.
12. REMOVE AND DISPOSE OF WALL MOUNTED MIRROR.
13. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES. WIRING SHALL REMAIN AND BE MADE SAFE FOR CONNECTION TO NEW LIGHTING. REFER TO DRAWINGS A704, REFLECTED CEILING PLANS, FOR LIGHTING FIXTURES. ALL EXISTING LIGHTING CONTROLS SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION FOR CONNECTION TO NEW LIGHTING FIXTURES.
14. REMOVE AND SALVAGE TOILET PARTITION SYSTEM IN ITS ENTIRETY. TURN OVER TO CHELMSFORD COMMUNITY EDUCATION.
15. REMOVE AND DISPOSE OF CMU WALL IN ITS ENTIRETY.

GENERAL NOTES:

DEMOLISH ALL:
- PLUMBING FIXTURES
- CUT & CAP ALL UTILITIES

PLAN LEGEND:

APPROXIMATE OUTLINE OF STRUCTRE / BUILDING TO BE DEMOLISHED
- CONTRACTOR TO V.I.F. EXACT DIMENSIONS IN FIELD

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL VISIT THE SITE TO VERIFY AND BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR SHALL IDENTIFY ALL EXISTING ITEMS OF WORK SCHEDULED TO REMAIN OR SALVAGED FOR REUSE.
2. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED DEMOLITION PERMITS. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS.
3. COORDINATE ALL DEMOLITION OPERATIONS WITH OWNER FOR SHUTDOWN PERIODS AND SEQUENCE OF WORK. ARRANGE WITH OWNER AND/OR APPROPRIATE UTILITIES FOR SERVICE SHUTOFFS BEFORE BEGINNING DEMOLITION OPERATIONS. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE, ISOLATE AND WEATHERPROOF AREAS OF WORK AND EXISTING AREAS AND ELEMENTS TO REMAIN. THE CONTRACTOR SHALL PERFORM THE WORK OF THIS CONTRACT IN A MANNER THAT CAUSES NO DISRUPTION TO THE CONTINUOUS OCCUPATION OF THE BUILDING AND SITE FOR THEIR INTENDED PURPOSE.
4. REMOVE ALL DEMOLISHED MATERIALS IN ACCORDANCE WITH LOCAL REGULATIONS.
5. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. PLUMBING, ELECTRICAL AND OTHER WORK RELATED TO A WALL, OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL, SHALL BE PERFORMED WHETHER NOTED OR NOT.
6. THE EXTENT OF ALL SPECIFIC DEMOLITION WORK SHALL BE COORDINATED WITH CONTRACT DOCUMENTS.
7. CONTRACTOR TO PATCH/REPAIR/REFINISH, AS REQUIRED, ALL SURFACES EXPOSED BY DEMOLITION WORK WITH MATERIALS AND METHODS TO MATCH FINISH AND MAKE FLUSH WITH EXISTING ADJACENT SURFACES. WORK SHALL INCLUDE ALL LABOR AND MATERIALS ON ALL SURFACES REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
8. TERMINATE, CAP, AND REMOVE ALL ABANDONED ELECTRICAL, PLUMBING, MECHANICAL AND FIRE PROTECTION ITEMS BACK TO ITS SOURCE. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION.
9. WHERE EXISTING FINISHES ARE INDICATED TO REMAIN AS BASE MATERIAL SURFACES FOR INSTALLATION OF NEW FINISHES, REMOVE ALL PROJECTIONS AND VOIDS AND SECURE OR REMOVE AND REPLACE ANY EXISTING LOOSE OR OTHERWISE UNSUITABLE SUBSTRATE MATERIAL.
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Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
DEMOLITION FIRST FLOOR PLAN

Sheet Number:
AD101

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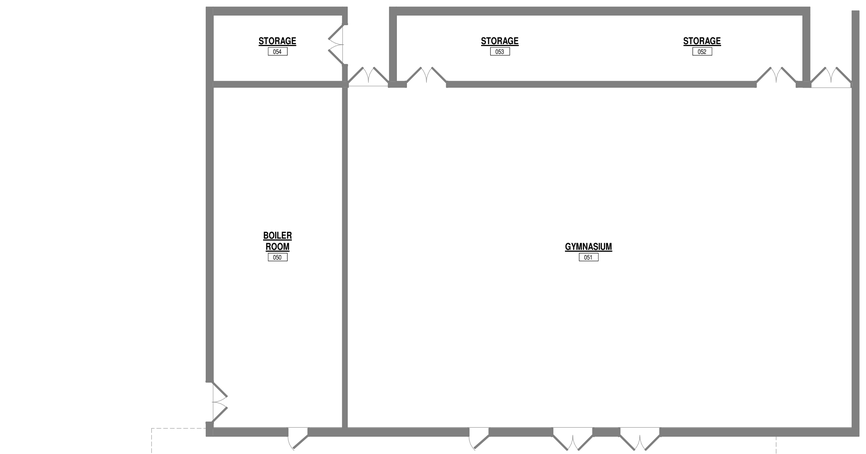
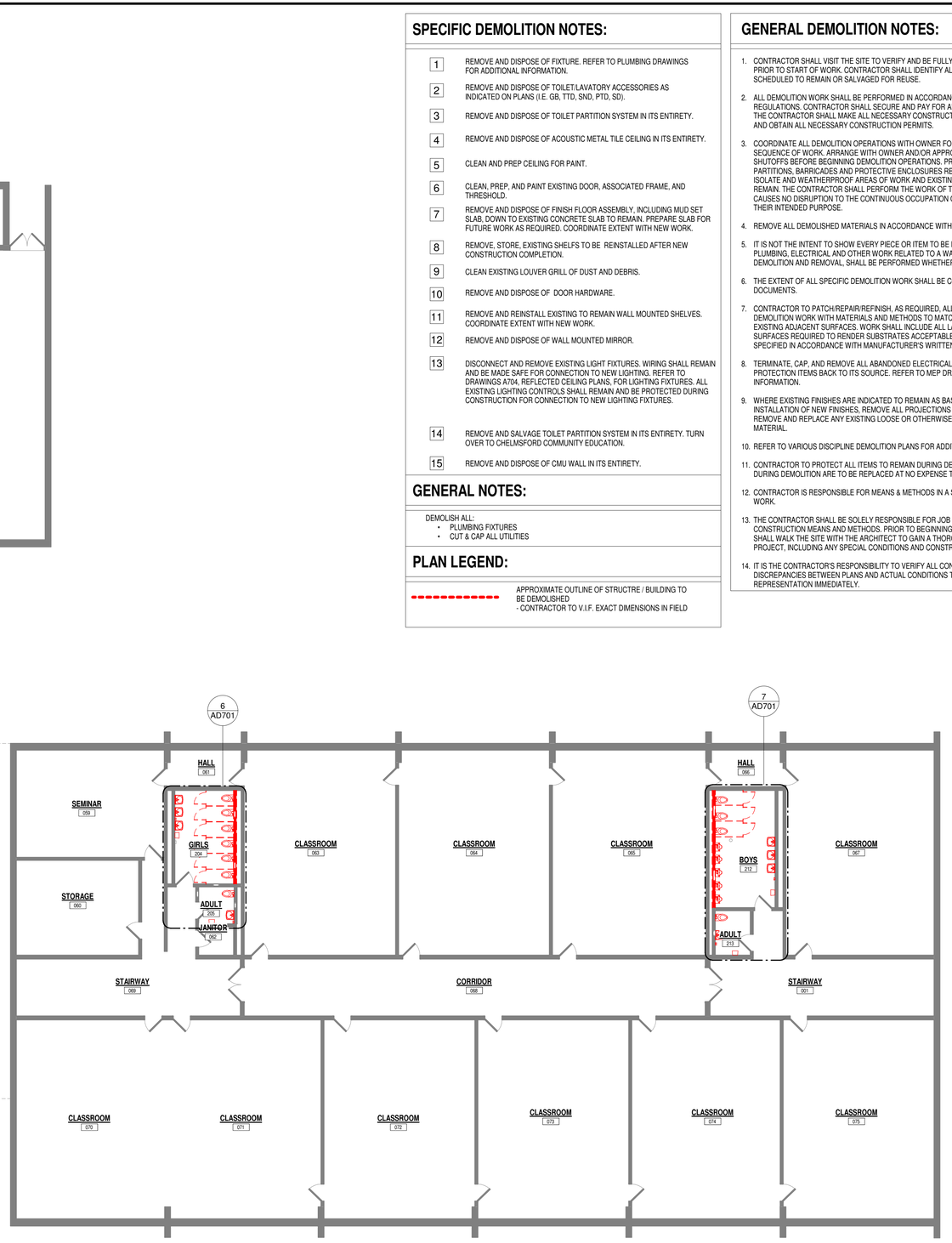


OUTLINE OF BUILDING BELOW



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0' 4' 8' 16'
SCALE: 3/32" = 1'-0"

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Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
DEMOLITION SECOND FLOOR PLAN

Sheet Number:
AD102

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GENERAL NOTES:

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PLAN LEGEND:

APPROXIMATE OUTLINE OF STRUCTRE / BUILDING TO BE DEMOLISHED
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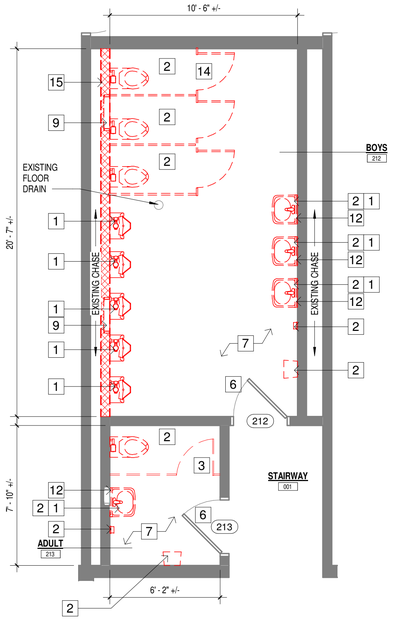
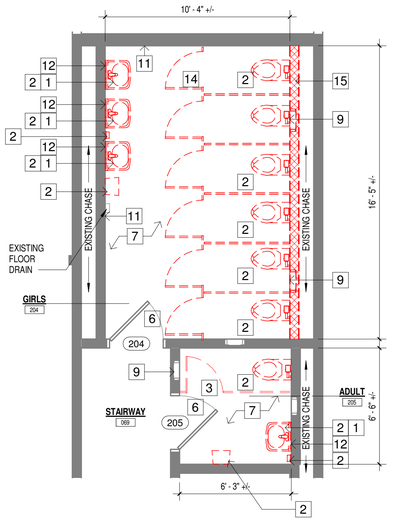
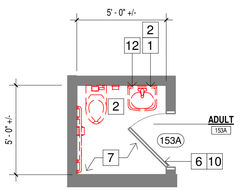


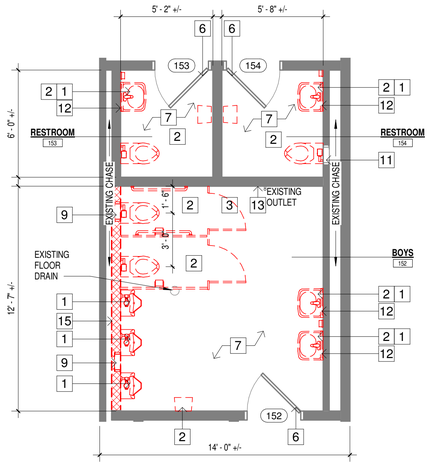
7 2ND FLOOR ENLARGED RESTROOM DEMOLITION PLAN B
1/4" = 1'-0" 1/ AD102



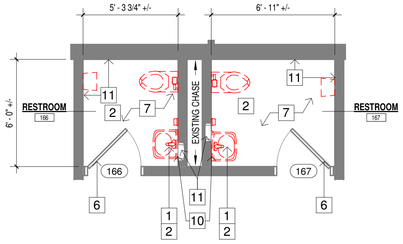
6 2ND FLOOR ENLARGED RESTROOM DEMOLITION PLAN A
1/4" = 1'-0" 1/ AD102



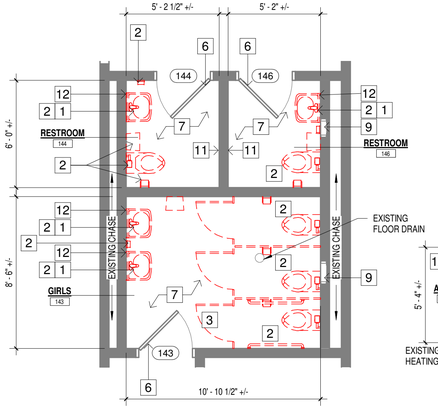
5 1ST FLOOR ENLARGED RESTROOM DEMOLITION PLAN E
1/4" = 1'-0" 1/ AD101



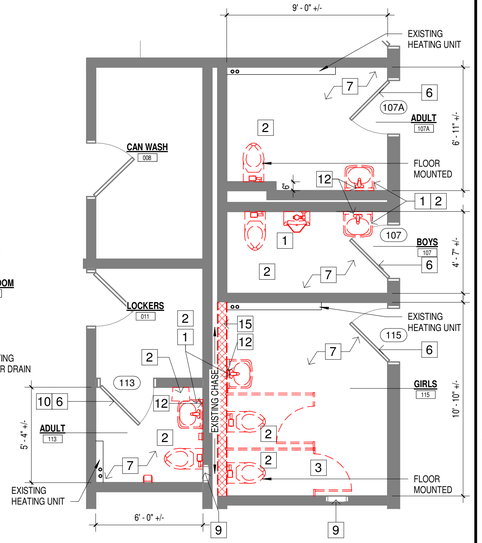
4 1ST FLOOR ENLARGED RESTROOM DEMOLITION PLAN D
1/4" = 1'-0" 1/ AD101



3 1ST FLOOR ENLARGED RESTROOM DEMOLITION PLAN C
1/4" = 1'-0" 1/ AD101



2 1ST FLOOR ENLARGED RESTROOM DEMOLITION PLAN B
1/4" = 1'-0" 1/ AD101



1 1ST FLOOR ENLARGED RESTROOM DEMOLITION PLAN A
1/4" = 1'-0" 1/ AD101

0' 2' 4' 8'
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Drawing Title: LARGE SCALE DEMOLITION PLANS

Sheet Number: AD701

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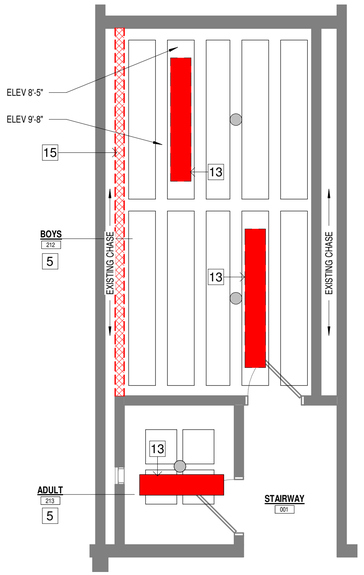
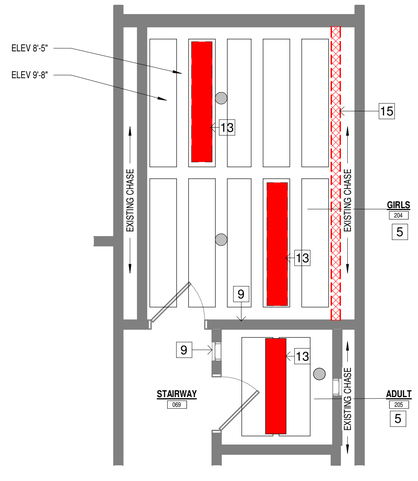
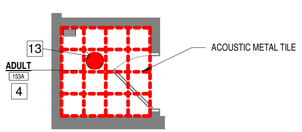
APPROXIMATE OUTLINE OF STRUCTRE / BUILDING TO BE DEMOLISHED
- CONTRACTOR TO V.I.F. EXACT DIMENSIONS IN FIELD



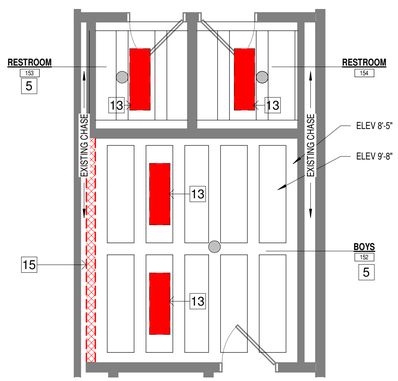
7 2ND FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN B
1/4" = 1'-0"



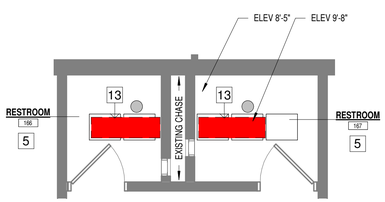
6 2ND FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN A
1/4" = 1'-0"



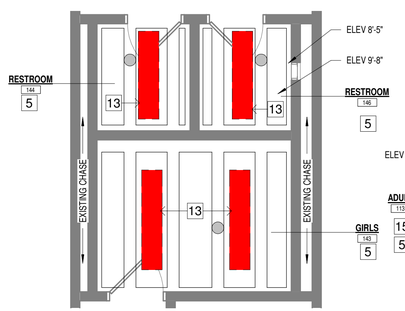
5 1ST FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN E
1/4" = 1'-0"



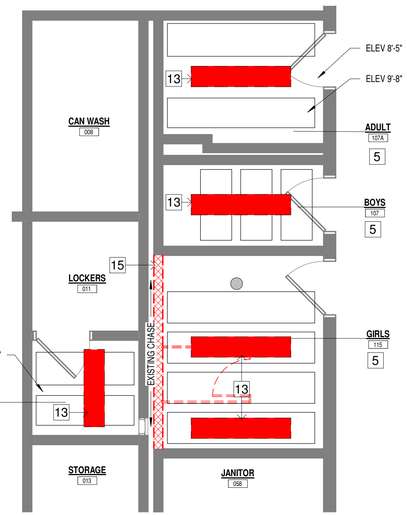
4 1ST FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN D
1/4" = 1'-0"



3 1ST FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN C
1/4" = 1'-0"



2 1ST FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN B
1/4" = 1'-0"



1 1ST FLOOR RESTROOM REFLECTED CEILING DEMOLITION PLAN A
1/4" = 1'-0"

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
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Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:
BIDDING

Scale: As indicated

Key Plan:

NORTH

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
LARGE SCALE REFLECTED CEILING DEMOLITION PLANS

Sheet Number:
AD702

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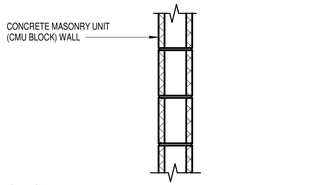
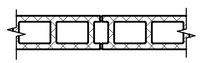


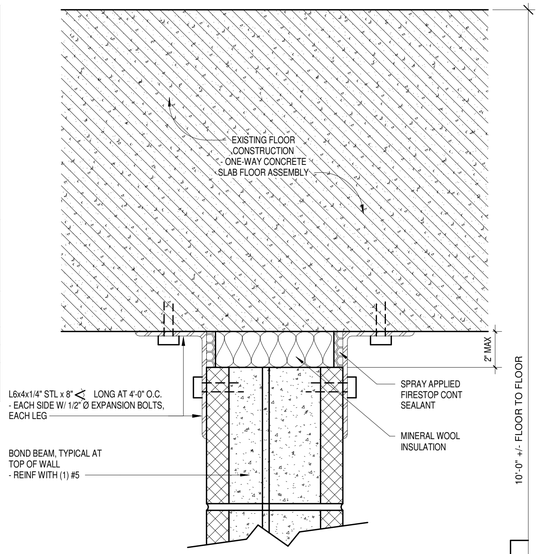
SECTION



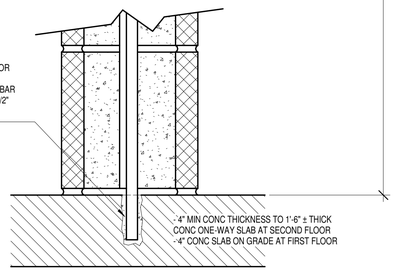
PLAN

MARK	CORE SIZE	GWB THICK	GWB HEIGHT	TOTAL THICK	ACOUSTIC INSUL	FIRE RATING / UL DESIGN NO.
8	8" NOM	-	-	5 5/8"	NO	-
8A	8" NOM	-	-	7 5/8"	NO	-

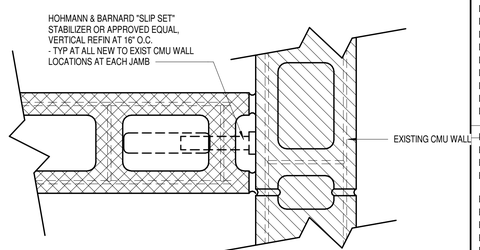
8 CMU WALLS


EXISTING FLOOR CONSTRUCTION
ONE-WAY CONCRETE SLAB FLOOR ASSEMBLY
2" MAX
10'-0" +/- FLOOR TO FLOOR
L6x4x1/4" STL x 8" LONG AT 4'-0" O.C.
- EACH SIDE W/ 1/2" Ø EXPANSION BOLTS, EACH LEG
SPRAY APPLIED FIRESTOP CONT SEALANT
MINERAL WOOL INSULATION
BOND BEAM, TYPICAL AT TOP OF WALL
- REINF WITH (1) #5

TYPICAL
TOP OF WALL DETAIL
(SECTION DETAIL)


CORE DRILL EXIST CONC SLAB (FLOOR 2) AND SLAB ON GRADE (FLOOR 1) ASSEMBLIES & EPOXY GROUT #5 REBAR DOWEL REINF - 2'-6" TALL WITH A 2 1/2" MIN EMBEDMENT AT 24" O.C.
- MIN THREE (3) PER WALL
- 4" MIN CONC THICKNESS TO 1'-6" ± THICK CONC ONE-WAY SLAB AT SECOND FLOOR
- 4" CONC SLAB ON GRADE AT FIRST FLOOR

TYPICAL
BOTTOM OF WALL DETAIL
(SECTION DETAIL)


HOHMANN & BARNARD "SLIP SET" STABILIZER OR APPROVED EQUAL, VERTICAL REFIN AT 16" O.C.
- TYP AT ALL NEW TO EXIST CMU WALL LOCATIONS AT EACH JAMB
EXISTING CMU WALL

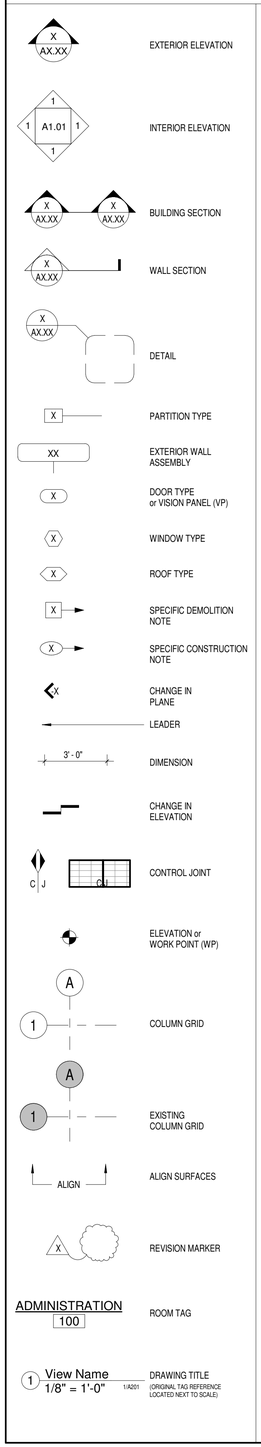
TYPICAL
WALL TO WALL DETAIL

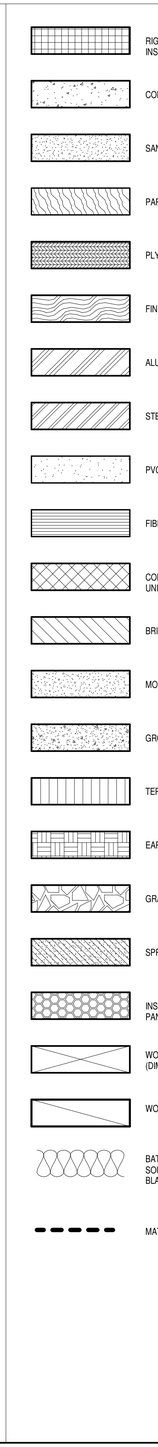
1 4", 6" OR 8" CONCRETE MASONRY WALLS
3" = 1'-0"

ABBREVIATION:

A	
A/C	AIR CONDITION
AC	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANC BLT	ANCHOR BOLT
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECT
ARGB	ABUSE RESISTANT GYPSUM BOARD
ASPH	ASPHALT
AVB	AIR VAPOR BARRIER
B	
BC	BASE CABINET
BD	BOARD
BF	BRACE FRAME
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOTT	BOTTOM
BPL	BEARING PLATE
BRG	BEARING
BRK	BRICK
BS	BRICK SHELF
BSMT	BASEMENT
BVL	BEVELED
C	
CAB	CABINET
CB	CEMENT BOARD / CATCH BASIN
CDM	CAVITY DRAINAGE MATERIAL
CF	CUBIC FEET
CH	CEILING HEIGHT
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE / COLUMN LINE
CL	CLOSET / CHAIN LINK
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CASED OPENING
COL	COLUMN
COMP	COMPOSITION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTC	CONTRACTOR
CONV	CONVECTOR
COORD	COORDINATE
CORR	CORRIDOR
CPET	COMMON PATH OF EGRESS TRAVEL
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CW	COLD WATER
CWT	CERAMIC WALL TILE
CY	CUBIC YARD
D	
D	DRYER
D-PART	DEMOUNTABLE PARTITION
DBL	DOUBLE
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DI	DRAIN INLET
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIST	DISTANCE
DL	DRAIN LEADER
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
E	
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATED FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
EOC	EDGE OF CONCRETE
EP	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
ER	EXISTING TO REMAIN
ES	EXPOSED STRUCTURE
EW	EACH WAY
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAK	FIRST AID KIT
FB	FIRE BLANKET
FC	FILE CABINET
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FG	FIBERGLASS
FIN	FINISH
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOUND	FOUNDATION
FP	FIREPROOF(ING)
FR	FIRE RETARDANT
FRP	FIBERGLASS REINFORCED WALL PANEL
FRTW	FIRE RETARDANT TREATED WOOD
FSB	FILED SUB BID
FT	FEET
FTG	FOOTING
FUR	FURRING
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GDRL	GUARD RAIL
GL	GLASS
GLAZ	GLAZED BLOCK
GLB	GLASS BLOCK
GN	GOOSENECK
GRT	GROUT
GWB	GYPSUM WALL BOARD
H	
HB	HOSE BIB
HC	HANDICAP
HD	HEAVY DUTY
HDWR	HARDWARE
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
HTR	HEATER
HVAC	HEATING, VENTILATING, & AIR CONDITIONING
HW	HOT WATER
I	
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDED
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
IRGWB	IMPACT-RESISTANT GWB
J	
JAN	JANITOR
JST	JOIST
JT	JOINT
K	
KD	KNOCK-DOWN
KIP	1,000 LBS
KO	KNOCKOUT
KPLT	KICKPLATE
L	
L	LENGTH
LAM	LAMINATE
LAV	LAVATORY
LBL	LABEL
LC	LEAD COATED
LCC	LEAD COATED COPPER
LGMF	LIGHT-GAUGE METAL FRAMING
LIN	LINOLEUM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LSC	LIFE SAFETY CODE
LT	LIGHT
M	
M	METER
MANUF	MANUFACTURER
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MB	MOISTURE BARRIER
MBL	MARBLE
MBM	METAL BUILDING MANUFACTURER
MBR	MEMBER
MC	MEDICINE CABINET
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
ML	MATCH LINE
MLDG	MOULDING
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MRGB	MOISTURE RESISTANT GYPSUM BOARD
MS	METAL STUD
MTD	MOUNTED
MTL	METAL
MTP	METAL TOILET PARTITION
N	
N/A	NOT APPLICABLE
NAT	NATURAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
NUM	NUMBER
NW	NEW
O	
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD DOOR
OPNG	OPENING
OPP	OPPOSITE
OPPHAN D	OPPOSITE HAND
OSB	ORIENTED STRAND BOARD
OTS	OPEN TO STRUCTURE
OW	OPERABLE WALL
OZ	OUNCE
P	
PART BD	PARTICLE BOARD
PAV	PAVING
PCP	PRECAST CONCRETE PLANK
PERIM	PERIMETER
PL	PROPERTY LINE / PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PLY	PLYWOOD
PMJF	PRE-MOLDED JOINT FILLER
PNT	PAINT
PR	PAIR
PREFIN	PREFINISHED
PRFB	POURED RESIN FLOOR BASE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
Q	
QT	QUARRY TILE
R	
R	RISER
R & D	REMOVE & DISPOSE
R & R	REMOVE AND REPLACE
R & S	REMOVE AND SALVAGE
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFRIGERATOR
REFURB	REFURBISH
REINF	REINFORCEMENT
RELOC	RELOCATED
REM	REMOTE
REQ'D	REQUIRED
RES	RESILIENT
REV	REVISION
RFG	ROOFING
RFI	RIGID FOAM INSULATION
RFS	RESINOUS FLOOR SYSTEM
RH	RIGHT HAND
RL	ROOF LADDER
RM	RUBBER MAT
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
RTU	ROOF TOP UNIT
RUB	RUBBER
S	
S	SEALANT
S.L.	STRUCTURAL LINE
SACI	SPRAY-APPLIED CELLULOSE INSULATION
SACP	SECURITY ALARM CONTROL PANEL
SAFI	SPRAY-APPLIED FOAM INSULATION
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCW	SOLID CORE WOOD
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FEET
SH	SINGLE HUNG
SHR	SHOWER
SIM	SIMILAR
SND	SANITARY NAPKIN DISPENSER
SNV	SANITARY NAPIKIN VENDOR
SOLSUR	SOLID SURFACE (COUNTER)
SPC	SPECIAL
SPEC	SPECIFICATION
SQ	SQUARE
SR	SHEET RUBBER
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE or STRUCTURAL
SUSP	SUSPENDED or SUSPENSION
SV	SHEET VINYL
SYS	SYSTEM(S)
T	
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TB	TRASH BARREL
TBA	TO BE ABANDONED
TBB	TILE BACKER BOARD
TBD	TO BE DETERMINED
TBOC	TOP BACK OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICK(NESS)
THRESH	THRESHOLD
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOL	TOP OF LANDING
TOP	TOP OF PLATE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TP	TRANSLUCENT PANEL
TR	TREAD
TS	TUBULAR STEEL
TTD	TOILET TISSUE DISPENSER
TW	TO WEATHER
TYP	TYPICAL
U	
UC	UNDERCUT
UG	UNDERGROUND
UND	UNDERSIDE (OF DECK)
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
V	
VB	VINYL BASE / VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VPD	VENEER PLASTER BASE
VS	VENT STACK
VT	VINYL TREAD
VTS	VINYL TRANSITION STRIP
VWB	VINYL WALL BASE
VWC	VINYL WALL COVERING
W	
W	WASHER
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WALL CABINET
WD	WOOD
WDC	WATERPROOFING, DAMPPROOFING, & CAULKING CONTRACTOR
WF	WIRE FABRIC
WG	WIRE GLASS
WH	WALL HUNG
WIN	WINDOW
WP	WATER PROTECTION
WPG	WATERPROOF(ING)
WR	WATER RESISTANT
WS	WATER STOP
WT	WEIGHT
WWF	WELDED WIRE FABRIC

SYMBOLS:





Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
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Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
ABBREVIATIONS, SYMBOLS, LEGEND AND GENERAL NOTES

Sheet Number:
A011

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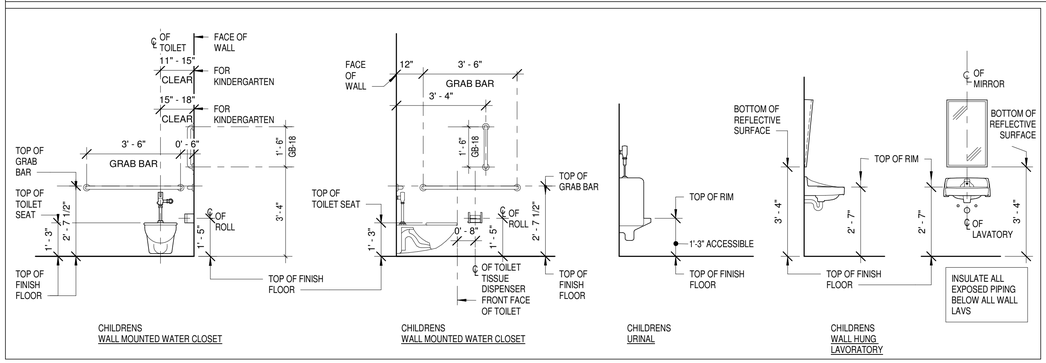
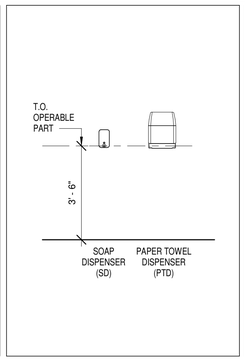
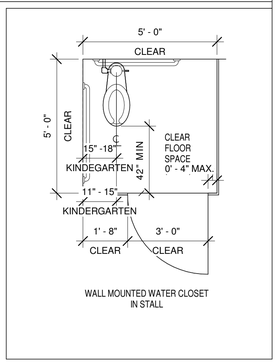
PLUMBING FIXTURE SCHEDULE / CHILDRENS MOUNTING HEIGHTS

3/8" = 1'-0"

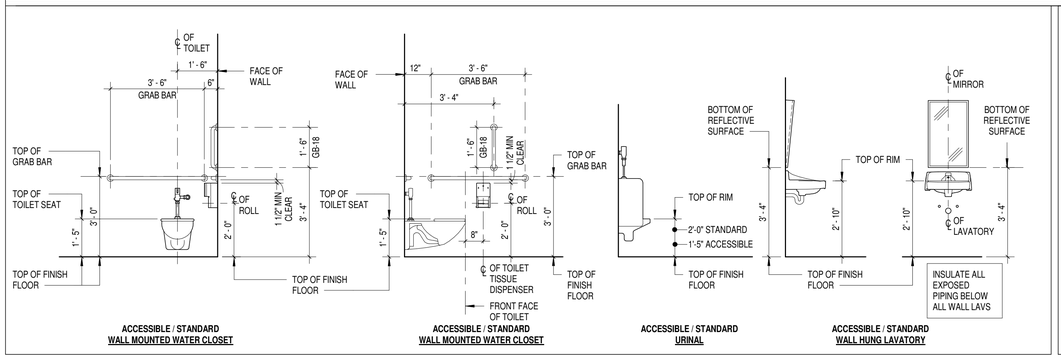


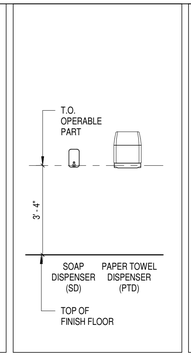


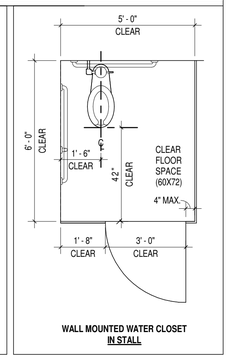

5' - 0" CLEAR
5' - 0" CLEAR
15" -18" KINDEGARTEN
11" - 15" KINDERGARTEN
42" MIN
CLEAR FLOOR SPACE 0' - 4" MAX.
1' - 8" CLEAR
3' - 0" CLEAR
WALL MOUNTED WATER CLOSET IN STALL

PLUMBING FIXTURE SCHEDULE / MOUNTING HEIGHTS:

3/8" = 1'-0"







GENERAL NOTES:

1. COORDINATE THE ARCHITECTURAL DRAWINGS WITH PLUMBING DRAWINGS FOR THE VERIFICATION OF ALL PROJECT REQUIREMENTS.
2. ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF STUD TO FACE OF STUD / FACE OF MASONRY UNLESS SPECIFICALLY NOTED OTHERWISE. DO NOT SCALE DRAWINGS. REFER TO ENLARGED PLANS AND DETAILS FOR FURTHER DIMENSIONING INFORMATION. ALL WORK LINES AND LEVELS SHALL BE LAID OUT BY WRITTEN DIMENSIONS. ANY DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER. ALL DEVIATIONS AND DISCREPANCIES SHALL BE CORRECTED BY THE CONTRACTOR BEFORE HE BEGINS HIS PORTION OF THE WORK.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO THE WORK AND SHALL NOTIFY THE DESIGNER REGARDING ANY DISCREPANCIES.
4. THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS, SAMPLES, CATALOG CUTS ETC., INCLUDING COLOR CHARTS FOR PAINTS, FOR ALL INTERIOR FINISHES, TO THE DESIGNER FOR SELECTION, REVIEW AND APPROVAL WITH THE OWNER PRIOR TO FABRICATION OR INSTALLATION. THE COLORS MUST BE SUBMITTED IN A TIMELY MANNER AND TOGETHER FOR REVIEW AND COLOR BOARDS. FAILURE TO DO SO IN A TIMELY MANNER WILL FALL ON THE CONTRACTOR'S RESPONSIBILITY AND NOT ON THE OWNER. REFER TO EACH INDIVIDUAL SPECIFICATIONS FOR SIZE, QUANTITY AND TYPE OF COLOR SELECTION.
5. PERFORM ALL WORK IN ACCORDANCE WITH THE STATE BUILDING CODE, AS WELL AS LOCAL CODES AND ORDINANCES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, BACKCHARGES AND FEES AS REQUIRED BY THE TOWN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY REMOVAL AND LEGAL DISPOSAL OF ALL DEBRIS OFF SITE.
8. THE CONTRACTOR SHALL SEAL ALL THROUGH-WALL & FLOOR PENETRATIONS WITH 3M BARRIER CAULK (O.A.E.) AND SEALANT ON USG SAFING 2500 PSI GROUT. U.N.O. INSTALL ANY REQUIRED FIRE RATED PARTITIONS TO UNDERSIDE OF FLOOR AND ROOF DECK, INCLUDING DEFLECTION HEAD FIRE SAFING.
9. INSTALL A CONTINUOUS SEALANT BEAD ON BACKER ROD AT ALL JUNCTURES OF DISSIMILAR MATERIALS (E.G.: METAL TO CMU, STEEL TO ALUMINUM) AND ALL MATERIAL JOINTS AS REQUIRED BY THE MANUFACTURER'S SPECIFICATION AND RECOMMENDATIONS, INDUSTRY STANDARDS AND GOOD PRACTICE.
10. THE CONTRACTOR SHALL INSTALL ALL INTERIOR FINISHES AT ALL SURFACES INDICATED ON THE DRAWINGS IN CONFORMANCE TO STATE BUILDING CODE. ALL DOORS SHALL HAVE LEVER HARDWARE TO CONFORM TO 521 CMR.
11.
12. ALL EXPOSED SURFACES (INCLUDING, BUT NOT LIMITED TO: WALLS, UNDERSIDE OF EXPOSED ROOF AND FLOOR DECK, STRUCTURAL STEEL, MISCELLANEOUS METALS, DOORS/FRAMES, DUCTWORK, CONDUIT, AND PIPING) SHALL BE PRIMED AND PAINTED.
13. DETAILS AND NOTES SHOWN ON THE ARCHITECTURAL DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE ARCHITECTURAL WORK EXCEPT WHERE SPECIFICALLY REQUIRED OTHERWISE BY THE CONTRACT DOCUMENTS. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO THOSE SHOWN FOR LIKE CONDITIONS AS DETERMINED BY THE DESIGNER.
14. PROVIDE ALL ACCESSIBLE FIXTURES, CONTROLS & ACCESSORIES, AND APPROPRIATE CLEARANCES, AS REQUIRED FOR COMPLIANCE W/ STATE BUILDING CODE W/ ALL AMENDMENTS, TYP.
15. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF METAL STUD, AND TO THE CENTERLINE OF COLUMN, UNLESS OTHERWISE NOTED.
16. FOR CEILING LEGEND REFER TO DRAWING SERIES A704.
17. FOR LARGE SCALE TOILET PLANS, REFER TO DRAWING SERIES A700.
18. FOR DOOR NUMBERS AND DETAILS, REFER TO DRAWING SERIES A801.
19. FOR INTERIOR ELEVATIONS, REFER TO DRAWING SERIES A700.
20. FOR FINISH SCHEDULE, REFER TO DRAWING SERIES A800
21. FOR PLUMBING LEGEND, REFER TO DRAWING SERIES P401.
22. ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.

0' 1' 2' 4'

SCALE: 3/8" = 1'-0"

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

Weston & Sampson
Weston & Sampson Engineers, Inc.
100 Foxborough Boulevard, Suite 250
Foxborough, MA 02035
978.532.1900 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For: BIDDING

Scale: As indicated

Key Plan:

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title: GENERAL NOTES

Sheet Number: A021

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1 FIRST FLOOR PLAN
3/32" = 1'-0"

0' 4' 8' 16'
SCALE: 3/32" = 1'-0"

SPECIFIC CONSTRUCTION NOTES

1. INSTALL TOILET ACCESSORIES AS INDICATED ON PLAN AT HEIGHT INDICATED ON PLAN, COORDINATE HEIGHTS W/ PLUMBING ACCESSORY FIXTURE SCHEDULE ON DRAWING A021.
2. INSTALL TOILET PARTITIONS AS INDICATED ON PLAN. TOILET PARTITIONS TO BE 4'-6" (54") ABOVE FINISH FLOOR TALL.
3. INSTALL RESINOUS FLOOR & BASE SYSTEM THROUGHOUT ROOM.
4. REPAIR EXISTING CMU WALL AS REQUIRED TO MAKE SURFACES FLUSH WITH ADJACENT SURFACES.
5. INSTALL PLUMBING FIXTURE, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
6. PREP & PAINT THE EXISTING WOOD DOOR AND METAL FRAME TO REMAIN WITH PAINT FINISH, REFER TO SPECIFICATIONS FOR PAINT ASSEMBLY AND PREPARATION.
7. PAINT WALL(S), CONDUITS, PIPING, AND DUCTWORK AS OCCURS IN THE ROOM FINISH SCHEDULE.
8. PREP & PAINT EXISTING UNIT HEATER AND/OR LOUVER AS OCCURS THROUGHOUT.
9. PREP & PAINT EXISTING ONE WAY CONC SLAB CEILING, CONDUITS, PIPING, AND DUCTWORK AS OCCURS.
10. PROVIDE NEW 1x4 SURFACE MOUNTED LED FIXTURE AS MANUFACTURED BY "METALUX", CATALOG #4WSL-LD2-50-SRS-UNV-L835-CD1-U, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
11. PROVIDE NEW 6" SURFACE MOUNTED LED DOWNLIGHT AS MANUFACTURED BY "HALO", CATALOG #4SLD606-8-35-WH, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
12. INSTALL PLUMBING FIXTURE IN NEW PLUMBING FIXTURES LOCATION, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
13. INSTALL NEW HARDWARE ON EXISTING DOOR. REFER TO AND COORDINATE WITH DOOR HARDWARE SCHEDULE AND MOUNTING HEIGHTS.
14. INSTALL EXISTING WALL MOUNTED SHELVES AT PREVIOUS LOCATION.
15. INSTALL NEW CMU WALL AND PAINT. COORDINATE WITH LARGE SCALE FLOOR PLANS. REFER TO 1/A011 FOR HEAD, JAMB, AND SILL ATTACHMENT DETAILS.

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Key Plan:

NORTH

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title: FIRST FLOOR PLAN

Sheet Number: A101

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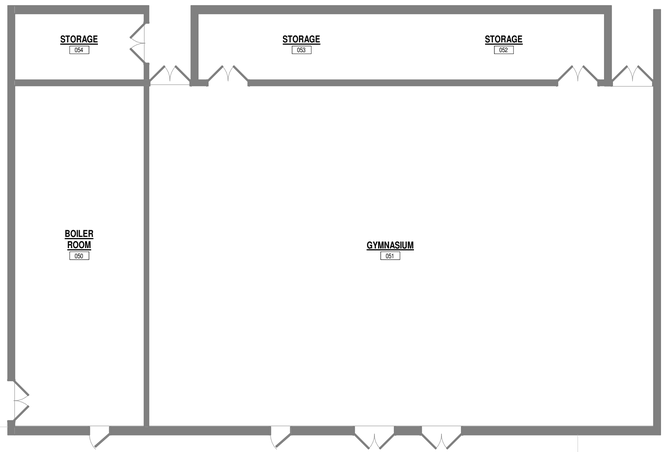

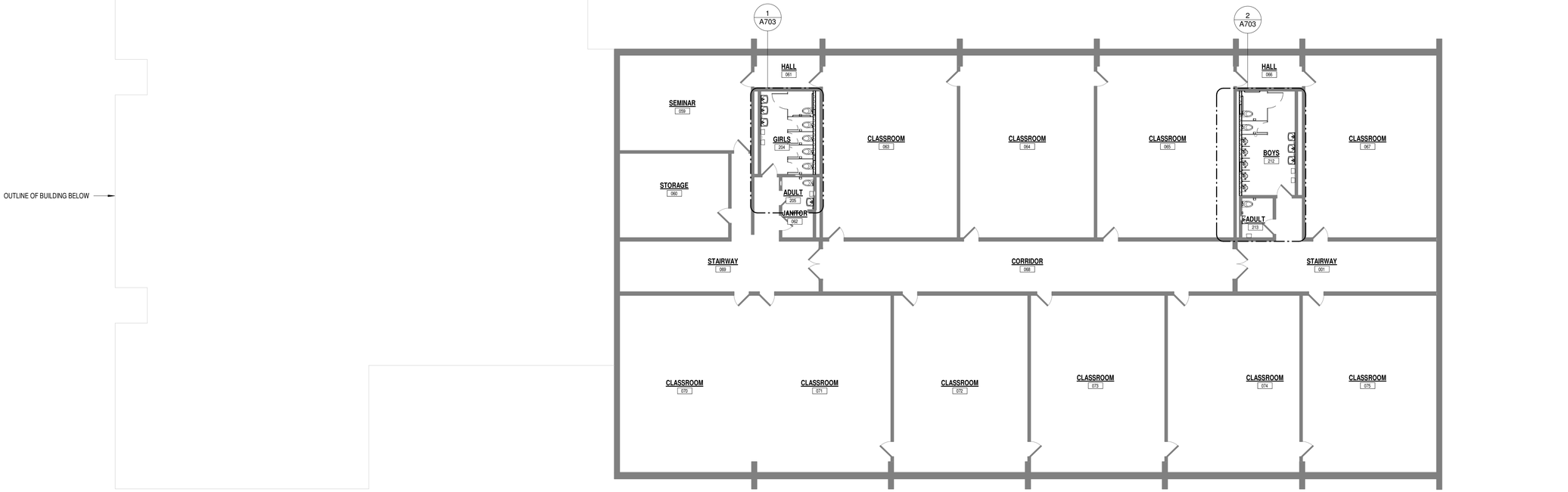

OUTLINE OF BUILDING BELOW

1 SECOND FLOOR PLAN
3/32" = 1'-0"

0' 4' 8' 16'
SCALE: 3/32" = 1'-0"

Project:
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170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

TOWN OF Chelmsford MASSACHUSETTS

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Scale: 3/32" = 1'-0"

Key Plan:

NORTH

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
SECOND FLOOR PLAN

Sheet Number:
A102

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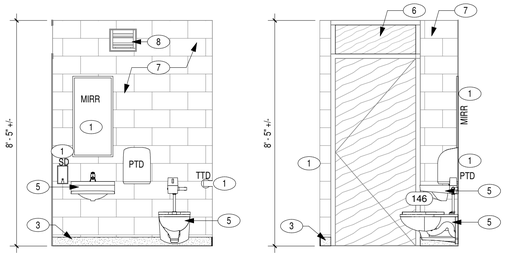
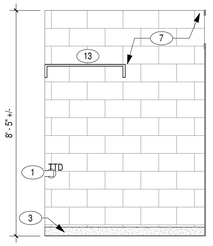
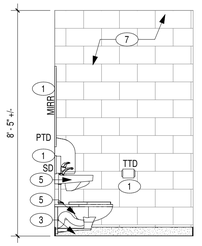


30 146 INTERIOR ELEVATION D
3/8" = 1'-0" 2/ A701

29 146 INTERIOR ELEVATION C
3/8" = 1'-0" 2/ A701



28 146 INTERIOR ELEVATION B
3/8" = 1'-0" 2/ A701



27 146 INTERIOR ELEVATION A
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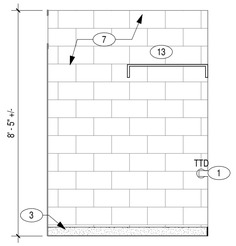

26 144 INTERIOR ELEVATION D
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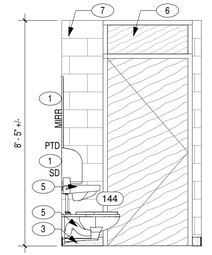

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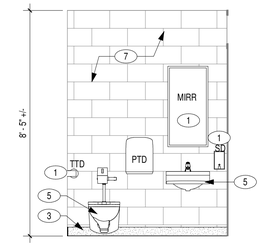
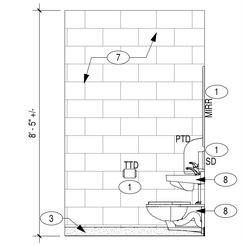
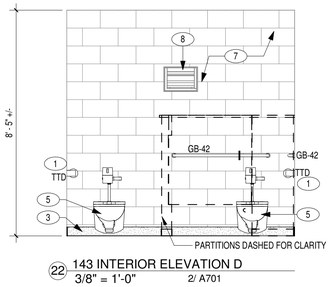


24 144 INTERIOR ELEVATION B
3/8" = 1'-0" 2/ A701



23 144 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A701



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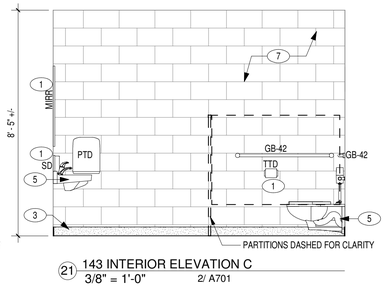

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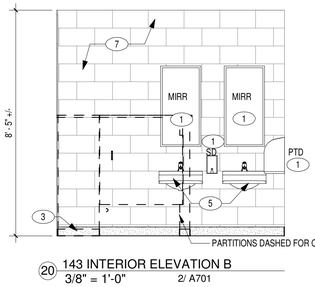

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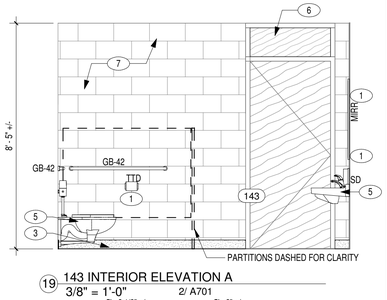
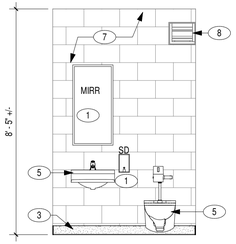
3/8" = 1'-0" 2/ A701



19 143 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A701



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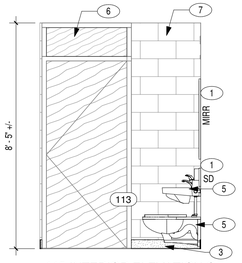

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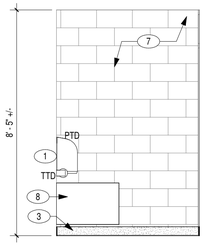

16 113 INTERIOR ELEVATION B
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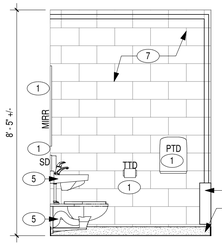

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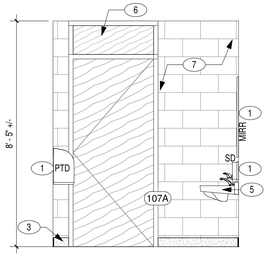
3/8" = 1'-0" 1/ A701



14 107A INTERIOR ELEVATION D
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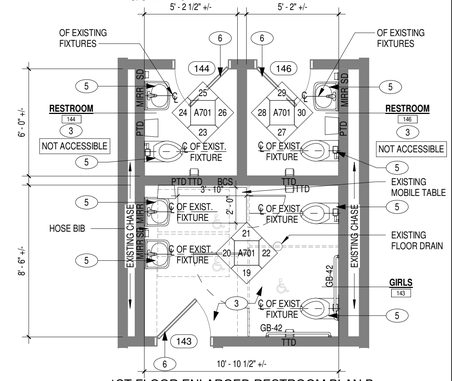


2 1ST FLOOR ENLARGED RESTROOM PLAN B
1/4" = 1'-0" 1/ A101

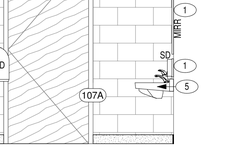
13 107A INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A701

12 107A INTERIOR ELEVATION B
3/8" = 1'-0" 1/ A701

11 107A INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A701

10 107 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A701

9 107 INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A701



8 107 INTERIOR ELEVATION B
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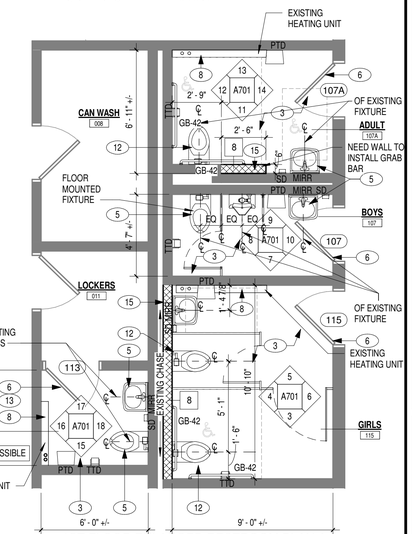
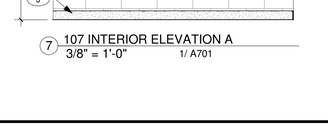


1 1ST FLOOR ENLARGED RESTROOM PLAN A
1/4" = 1'-0" 1/ A101



7 107 INTERIOR ELEVATION A
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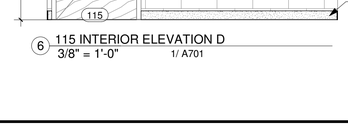
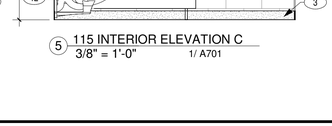
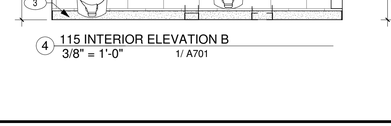


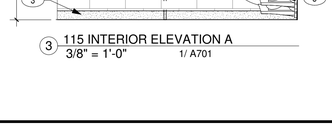
6 115 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A701



5 115 INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A701



4 115 INTERIOR ELEVATION B
3/8" = 1'-0" 1/ A701



3 115 INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A701

SCALE: 3/8" = 1'-0" 0' 1' 2' 4'

SCALE: 1/4" = 1'-0" 0' 2' 4' 8'

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

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Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:
BIDDING

Scale: As indicated

Key Plan:

NORTH

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
LARGE SCALE PLANS / INTERIOR ELEVATIONS

Sheet Number:
A701

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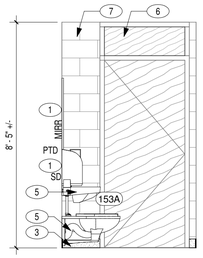
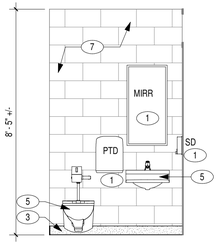


27 153A INTERIOR ELEVATION D
3/8" = 1'-0" 3/ A702



26 153A INTERIOR ELEVATION C
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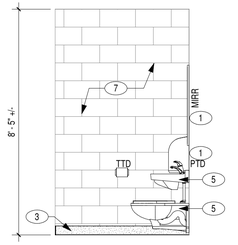

25 153A INTERIOR ELEVATION B
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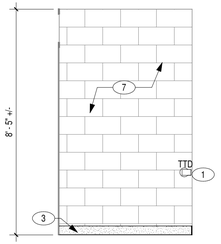

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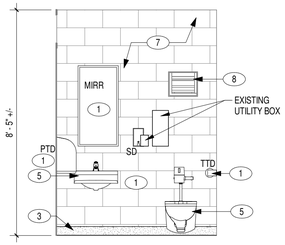
3/8" = 1'-0" 3/ A702



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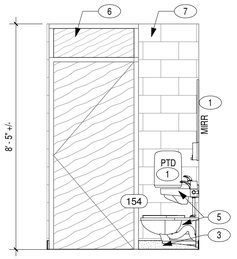

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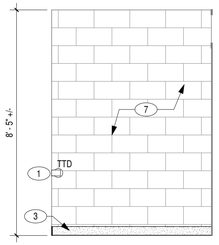

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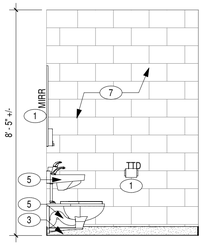

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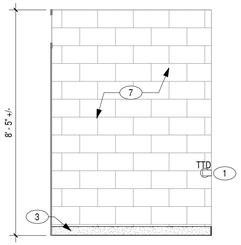
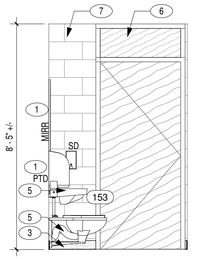


19 153 INTERIOR ELEVATION D
3/8" = 1'-0" 2/ A702



18 153 INTERIOR ELEVATION C
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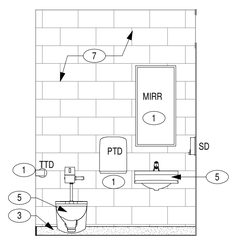

17 153 INTERIOR ELEVATION B
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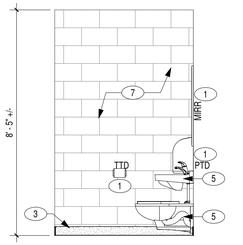
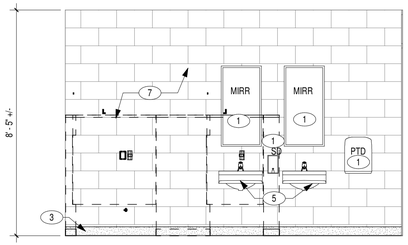


16 153 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A702



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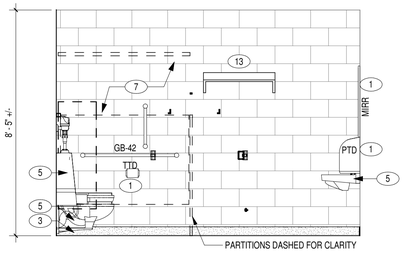
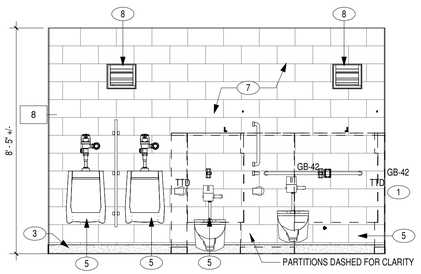
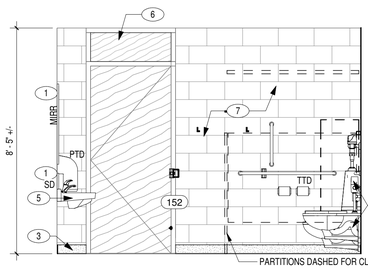


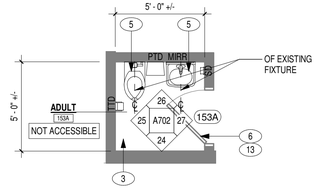
14 152 INTERIOR ELEVATION C
3/8" = 1'-0" 2/ A702



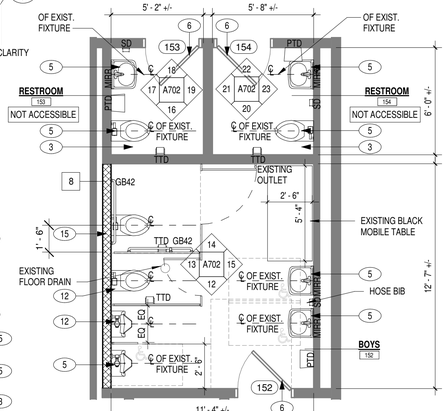
13 152 INTERIOR ELEVATION B
3/8" = 1'-0" 2/ A702



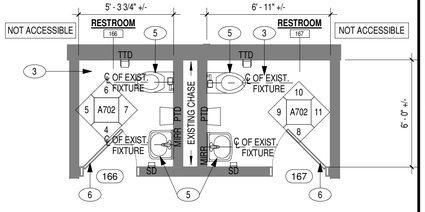
12 152 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A702



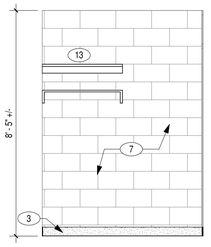
3 1ST FLOOR ENLARGED RESTROOM PLAN E
1/4" = 1'-0" 1/ A101



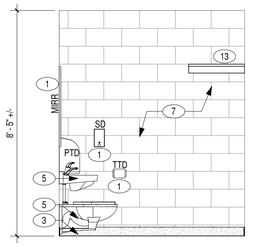
2 1ST FLOOR ENLARGED RESTROOM PLAN D
1/4" = 1'-0" 1/ A101



1 1ST FLOOR ENLARGED RESTROOM PLAN C
1/4" = 1'-0" 1/ A101



11 167 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A702



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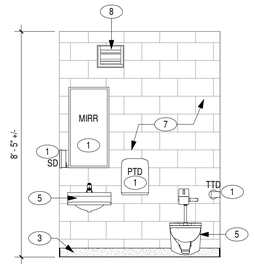
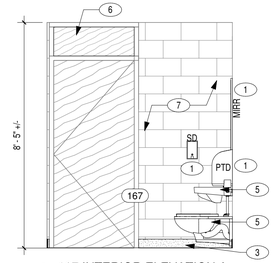
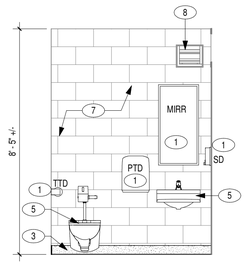


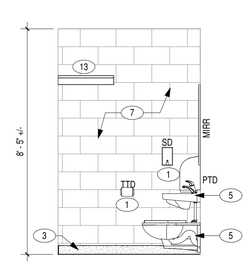
9 167 INTERIOR ELEVATION B
3/8" = 1'-0" 1/ A702



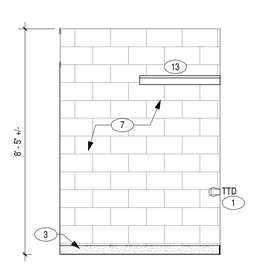
8 167 INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A702



7 166 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A702



6 166 INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A702



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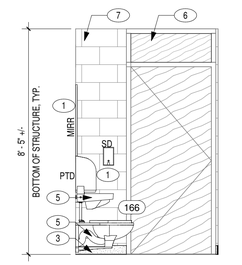
3/8" = 1'-0" 1/ A702



4 166 INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A702

SPECIFIC CONSTRUCTION NOTES

1. INSTALL TOILET ACCESSORIES AS INDICATED ON PLAN AT HEIGHT INDICATED ON PLAN. COORDINATE HEIGHTS W/ PLUMBING ACCESSORY FIXTURE SCHEDULE ON DRAWING A021.
2. INSTALL TOILET PARTITIONS AS INDICATED ON PLAN. TOILET PARTITIONS TO BE 4'-6" (54") ABOVE FINISH FLOOR TALL.
3. INSTALL RESINOUS FLOOR & BASE SYSTEM THROUGHOUT ROOM.
4. REPAIR EXISTING CMU WALL AS REQUIRED TO MAKE SURFACES FLUSH WITH ADJACENT SURFACES.
5. INSTALL PLUMBING FIXTURE, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
6. PREP & PAINT THE EXISTING WOOD DOOR AND METAL FRAME TO REMAIN WITH PAINT FINISH, REFER TO SPECIFICATIONS FOR PAINT ASSEMBLY AND PREPARATION.
7. PAINT WALL(S), CONDUITS, PIPING, AND DUCTWORK AS OCCURS IN THE ROOM FINISH SCHEDULE.
8. PREP & PAINT EXISTING UNIT HEATER AND/OR LOUVER AS OCCURS THROUGHOUT.
9. PREP & PAINT EXISTING ONE WAY CONC SLAB CEILING, CONDUITS, PIPING, AND DUCTWORK AS OCCURS.
10. PROVIDE NEW 1x4 SURFACE MOUNTED LED FIXTURE AS MANUFACTURED BY "METALUX", CATALOG #4WSL-LD2-50-SRS-UNV-L835-CD1-U, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
11. PROVIDE NEW 6" SURFACE MOUNTED LED DOWNLIGHT AS MANUFACTURED BY "HALO", CATALOG #4SLD606-8-35-WH, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
12. INSTALL PLUMBING FIXTURE IN NEW PLUMBING FIXTURES LOCATION, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
13. INSTALL NEW HARDWARE ON EXISTING DOOR. REFER TO AND COORDINATE WITH DOOR HARDWARE SCHEDULE AND MOUNTING HEIGHTS.
14. INSTALL EXISTING WALL MOUNTED SHELVES AT PREVIOUS LOCATION.
15. INSTALL NEW CMU WALL AND PAINT. COORDINATE WITH LARGE SCALE FLOOR PLANS. REFER TO 1/A011 FOR HEAD, JAMB, AND SILL ATTACHMENT DETAILS.

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

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Scale: As indicated

Key Plan:

NORTH

Date:	JUNE 22, 2022
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Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
LARGE SCALE PLANS / INTERIOR ELEVATIONS

Sheet Number:
A702

SCALE: 3/8" = 1'-0" 0' 1' 2' 4'

SCALE: 1/4" = 1'-0" 0' 2' 4' 8'

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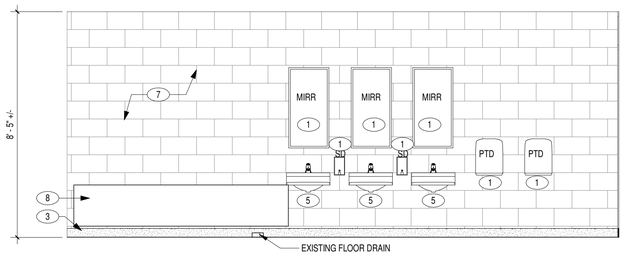
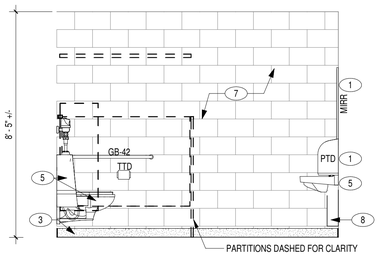
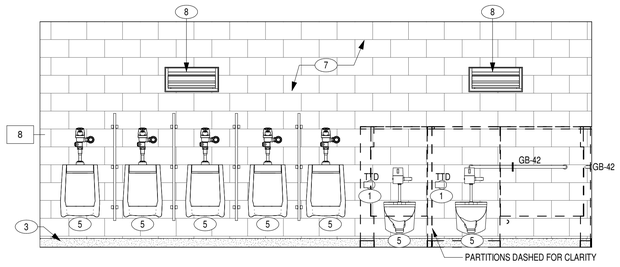


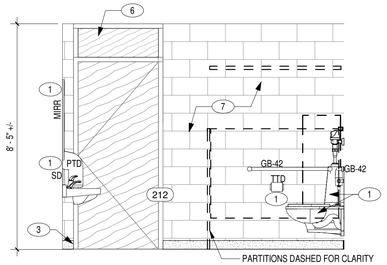
18 212 INTERIOR ELEVATION D
3/8" = 1'-0" 2/ A703



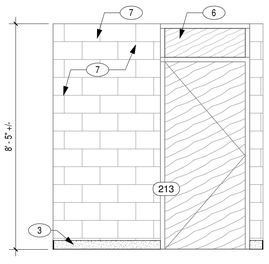
17 212 INTERIOR ELEVATION C
3/8" = 1'-0" 2/ A703



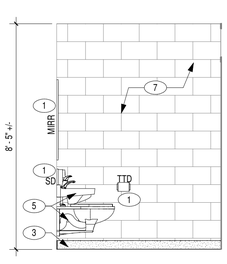
16 212 INTERIOR ELEVATION B
3/8" = 1'-0" 2/ A703



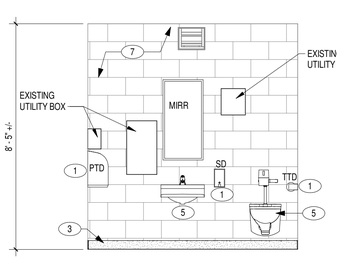
15 212 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A703



14 213 INTERIOR ELEVATION D
3/8" = 1'-0" 2/ A703



13 213 INTERIOR ELEVATION C
3/8" = 1'-0" 2/ A703



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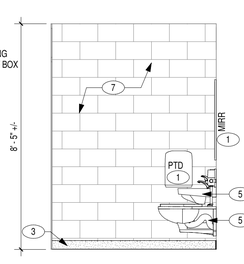
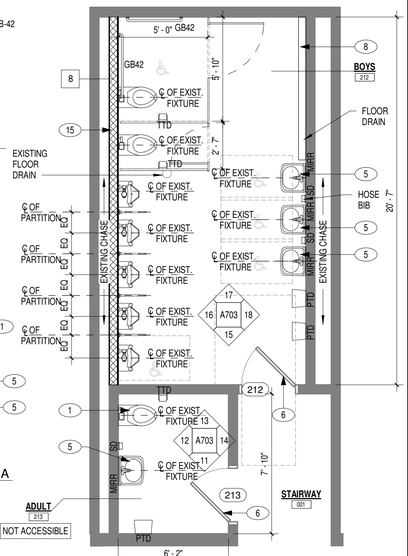
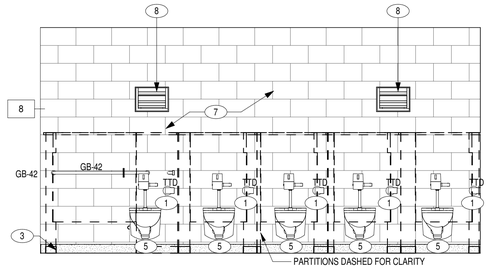


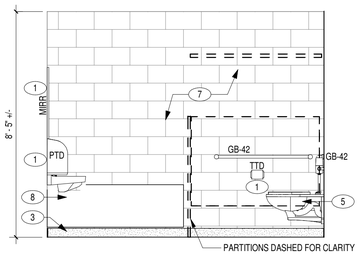
11 213 INTERIOR ELEVATION A
3/8" = 1'-0" 2/ A703



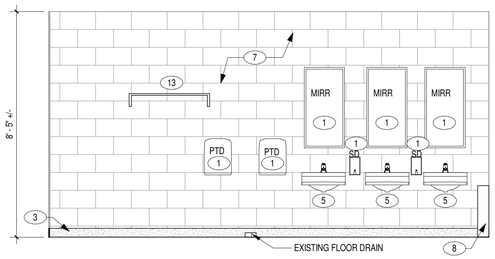
2 2ND FLOOR ENLARGED RESTROOM PLAN B
1/4" = 1'-0" 1/ A102



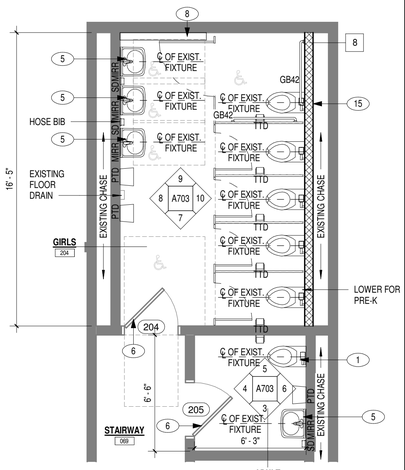
10 204 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A703



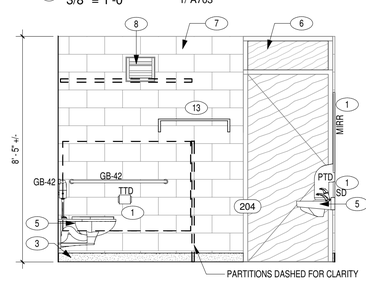
9 204 INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A703



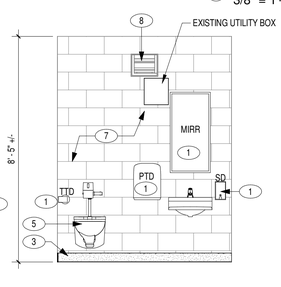
8 204 INTERIOR ELEVATION B
3/8" = 1'-0" 1/ A703



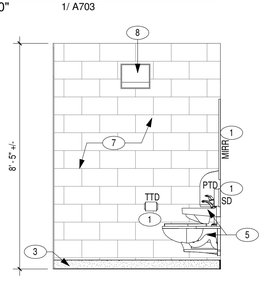
1 2ND FLOOR ENLARGED RESTROOM PLAN A
1/4" = 1'-0" 1/ A102



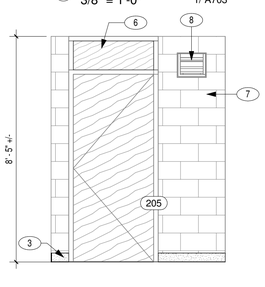
7 204 INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A703



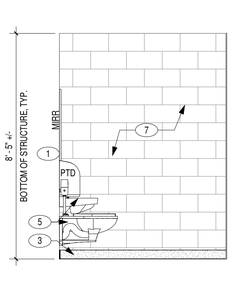
6 205 INTERIOR ELEVATION D
3/8" = 1'-0" 1/ A703



5 205 INTERIOR ELEVATION C
3/8" = 1'-0" 1/ A703



4 205 INTERIOR ELEVATION B
3/8" = 1'-0" 1/ A703



3 205 INTERIOR ELEVATION A
3/8" = 1'-0" 1/ A703

SPECIFIC CONSTRUCTION NOTES

1. INSTALL TOILET ACCESSORIES AS INDICATED ON PLAN AT HEIGHT INDICATED ON PLAN. COORDINATE HEIGHTS W/ PLUMBING ACCESSORY FIXTURE SCHEDULE ON DRAWING A021.
2. INSTALL TOILET PARTITIONS AS INDICATED ON PLAN. TOILET PARTITIONS TO BE 4'-6" (54") ABOVE FINISH FLOOR TALL.
3. INSTALL RESINOUS FLOOR & BASE SYSTEM THROUGHOUT ROOM.
4. REPAIR EXISTING CMU WALL AS REQUIRED TO MAKE SURFACES FLUSH WITH ADJACENT SURFACES.
5. INSTALL PLUMBING FIXTURE, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
6. PREP & PAINT THE EXISTING WOOD DOOR AND METAL FRAME TO REMAIN WITH PAINT FINISH, REFER TO SPECIFICATIONS FOR PAINT ASSEMBLY AND PREPARATION.
7. PAINT WALL(S), CONDUITS, PIPING, AND DUCTWORK AS OCCURS IN THE ROOM FINISH SCHEDULE.
8. PREP & PAINT EXISTING UNIT HEATER AND/OR LOUVER AS OCCURS THROUGHOUT.
9. PREP & PAINT EXISTING ONE WAY CONC SLAB CEILING, CONDUITS, PIPING, AND DUCTWORK AS OCCURS.
10. PROVIDE NEW 1x4 SURFACE MOUNTED LED FIXTURE AS MANUFACTURED BY "METALUX", CATALOG #4WSL-LD2-50-SRS-UNV-L835-CD1-U, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
11. PROVIDE NEW 6" SURFACE MOUNTED LED DOWNLIGHT AS MANUFACTURED BY "HALO", CATALOG #4SLD606-8-35-WH, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
12. INSTALL PLUMBING FIXTURE IN NEW PLUMBING FIXTURES LOCATION, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
13. INSTALL NEW HARDWARE ON EXISTING DOOR. REFER TO AND COORDINATE WITH DOOR HARDWARE SCHEDULE AND MOUNTING HEIGHTS.
14. INSTALL EXISTING WALL MOUNTED SHELVES AT PREVIOUS LOCATION.
15. INSTALL NEW CMU WALL AND PAINT. COORDINATE WITH LARGE SCALE FLOOR PLANS. REFER TO 1/A011 FOR HEAD, JAMB, AND SILL ATTACHMENT DETAILS.

SCALE: 3/8" = 1'-0" 0' 1' 2' 4'

SCALE: 1/4" = 1'-0" 0' 2' 4' 8'

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

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Foxborough, MA 02035
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www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:
BIDDING

Scale: As indicated

Key Plan:

NORTH

Date: JUNE 22, 2022
Drawn By: MMF
Reviewed By: BPM
Approved By: JRC
W&S Project No.: ENG22-0300
W&S File No.: -

Drawing Title:
LARGE SCALE PLANS / INTERIOR ELEVATIONS

Sheet Number:
A703

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SPECIFIC CONSTRUCTION NOTES

1. INSTALL TOILET ACCESSORIES AS INDICATED ON PLAN AT HEIGHT INDICATED ON PLAN, COORDINATE HEIGHTS W/ PLUMBING ACCESSORY FIXTURE SCHEDULE ON DRAWING A021.
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5. INSTALL PLUMBING FIXTURE, REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. APPLY BEAD OF SILICONE SEALANT AGAINST PLUMBING FIXTURE AND WALL ASSEMBLY.
6. PREP & PAINT THE EXISTING WOOD DOOR AND METAL FRAME TO REMAIN WITH PAINT FINISH, REFER TO SPECIFICATIONS FOR PAINT ASSEMBLY AND PREPARATION.
7. PAINT WALL(S), CONDUITS, PIPING, AND DUCTWORK AS OCCURS IN THE ROOM FINISH SCHEDULE.
8. PREP & PAINT EXISTING UNIT HEATER AND/OR LOUVER AS OCCURS THROUGHOUT.
9. PREP & PAINT EXISTING ONE WAY CONC SLAB CEILING, CONDUITS, PIPING, AND DUCTWORK AS OCCURS.
10. PROVIDE NEW 1x4 SURFACE MOUNTED LED FIXTURE AS MANUFACTURED BY "METALUX", CATALOG #4WSL-LD2-50-SRS-UNV-L835-CD1-U, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRQUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
11. PROVIDE NEW 6" SURFACE MOUNTED LED DOWNLIGHT AS MANUFACTURED BY "HALO", CATALOG #4SLD606-8-35-WH, OR APPROVED EQUAL. NEW LIGHT FIXTURE SHALL BE CONNECTED TO EXISTING ELECTRICAL CIRCUIT AND LIGHTING CONTROLS SERVING THE EXISTING LIGHTING. CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESSORIES TO CONNECT TO EXISTING LIGHTING CIRCUIT.
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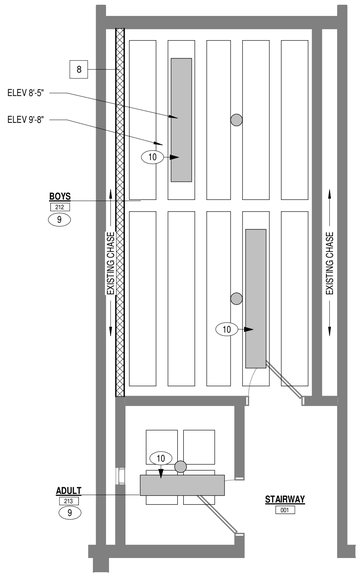
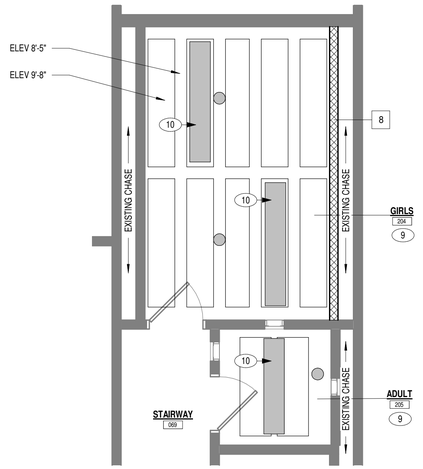
REFLECTED CEILING PLAN LEGEND:

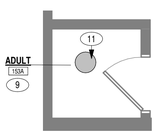
- X' - X" — CEILING HEIGHT TAG
- SURFACE MOUNTED LIGHT FIXTURES
- EXISTING ONE-WAY CONCRETE SLAB
- SD — EXISTING SMOKE DETECTOR
- F — EXISTING FIRE ALARM SPEAKER/ VISUAL SIGNAL
- F CLG — EXISTING CEILING MOUNTED FIRE ALARM SPEAKER / VISUAL SIGNAL
- LIGHT FIXTURE LOCATION - APPROXIMATE



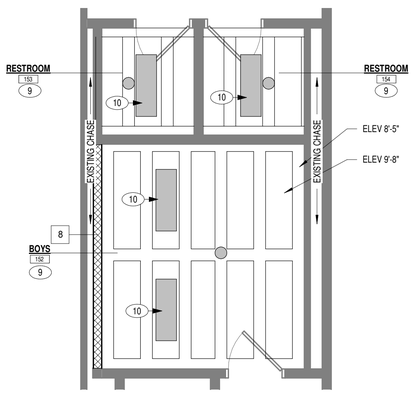
7 2ND FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN B
1/4" = 1'-0"



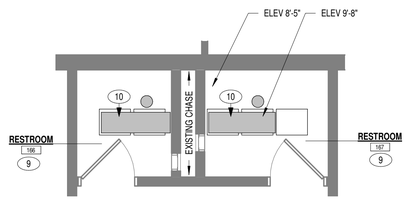
6 2ND FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN A
1/4" = 1'-0"



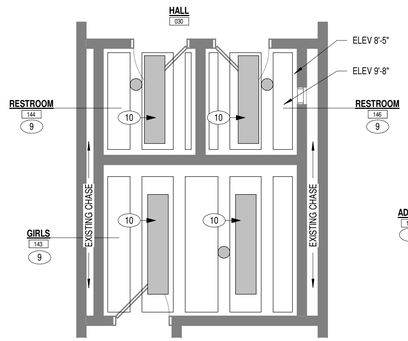
2 1ST FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN E
1/4" = 1'-0"



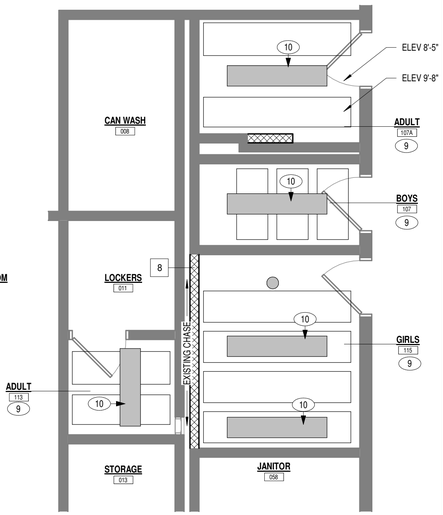
3 1ST FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN D
1/4" = 1'-0"



4 1ST FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN C
1/4" = 1'-0"



1 1ST FLOOR ENLARGED RESTROOM REFLECTED CEILING PLAN B
1/4" = 1'-0"



5 1ST FLOOR RESTROOM REFLECTED CEILING PLAN A
1/4" = 1'-0"

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD MA 01824
TOWN OF CHELMSFORD

Weston & Sampson
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Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:
BIDDING

Scale: As indicated

Key Plan:

NORTH

Date:	JUNE 22, 2022
Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title:
LARGE SCALE REFLECTED CEILING PLANS

Sheet Number:
A704

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ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR MAT	FLOOR FINISH	FLOOR BASE	WALLS MAT	WALLS FINISH	CEILING MAT	CEILING FINISH	CEILING HEIGHT	REMARKS
107	BOYS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
107A	ADULT	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
113	ADULT	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
115	GIRLS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
143	GIRLS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
144	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
146	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
152	BOYS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
153	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
153A	ADULT	CONC	RFS	RF	CMU	PNT	CONC	PNT	6'-9 1/2"	
154	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
166	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
167	RESTROOM	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
204	GIRLS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
205	ADULT	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
212	BOYS	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	
213	ADULT	CONC	RFS	RF	CMU	PNT	CONC	PNT	8'-5", 9'-8"	

ROOM FINISH LEGEND:

ABBREVIATIONS:

CMU:	CONCRETE MASONRY UNIT	PNT:	PAINT
CONC:	CONCRETE	RFS:	RESINOUS FLOORING
OTS:	OPEN TO STRUCTURE		

NOTES:

1. PAINT EXPOSED DUCTWORK AND ELECTRICAL CONDUIT LOCATED ON WALLS SCHEDULED TO BE PAINTED ONLY.

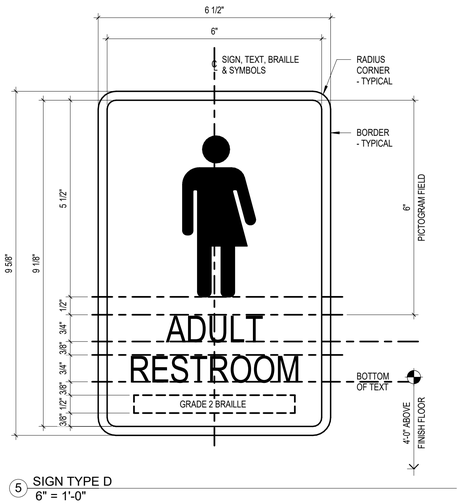
DOOR SCHEDULE

NO.	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS
107	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
107A	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
113	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
115	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
143	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
144	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
146	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
152	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
153	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
153A	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
154	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
166	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
167	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
204	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
205	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
212	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1
213	3' - 0"	7' - 0"	D1	WD	TRANS. PNT	F1	HM	PAINT	EXISTING	EXISTING	4/A801	PROVIDE NEW LOUVER FOR EXISTING OPENINGS. ADD ALT #1 - PREPARE AND PAINT EXISTING WOOD DOOR TO REMAIN WITH TRANSPARENT PAINT FINISH. ALTERNATE #1

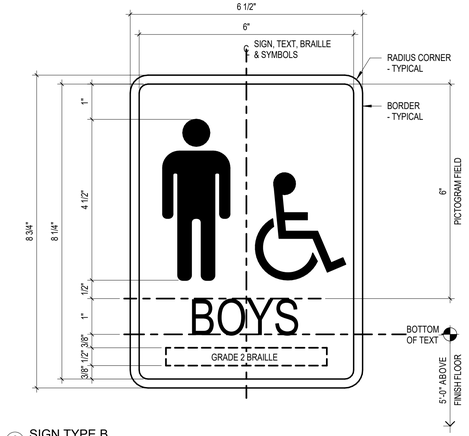
ALTERNATE #1 (FINISH) ALTERNATE #1 (FRAME FINISH)

SIGNAGE SCHEDULE

ROOM #	ROOM NAME	SIGN TYPE	QUANTITY
107	BOYS	D	1
107A	ADULT	C	1
113	ADULT	D	1
115	GIRLS	C	1
143	GIRLS	A	1
144	RESTROOM	D	1
146	RESTROOM	D	1
152	BOYS	B	1
153	RESTROOM	D	1
153A	ADULT	D	1
154	RESTROOM	D	1
166	RESTROOM	D	1
167	RESTROOM	D	1
204	GIRLS	A	1
205	ADULT	D	1
212	BOYS	B	1
213	ADULT	D	1



5 SIGN TYPE D
6" = 1'-0"



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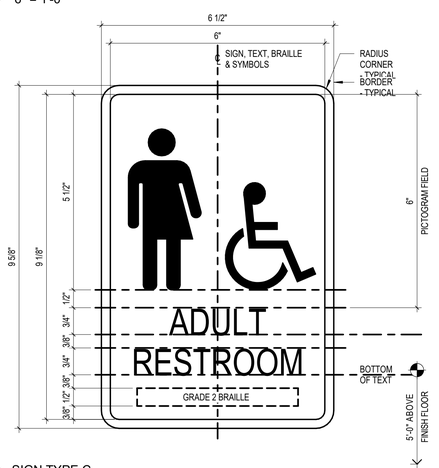
6" = 1'-0"



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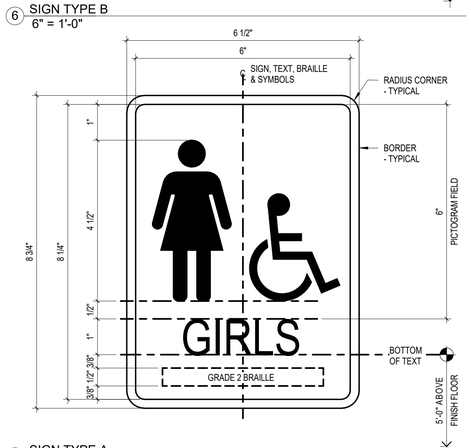

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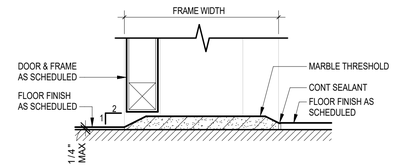
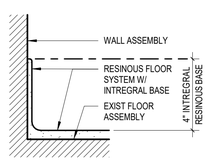
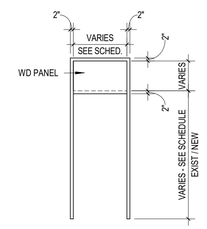
6" = 1'-0"



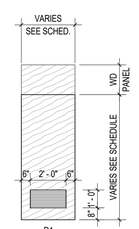
4 MARBLE THRESHOLD SILL DETAIL
3" = 1'-0"



3 Resinous Base Detail
3" = 1'-0"



2 DOOR FRAME TYPES
1/4" = 1'-0"



1 DOOR ELEVATIONS TYPES
1/4" = 1'-0"

SCALE: 6" = 1'-0" | SCALE: 3" = 1'-0" | SCALE: 1/4" = 1'-0"

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Drawn By:	MMF
Reviewed By:	BPM
Approved By:	JRC
W&S Project No.:	ENG22-0300
W&S File No.:	-

Drawing Title: DOOR, SIGN, & FINISH SCHEDULE

Sheet Number: A801

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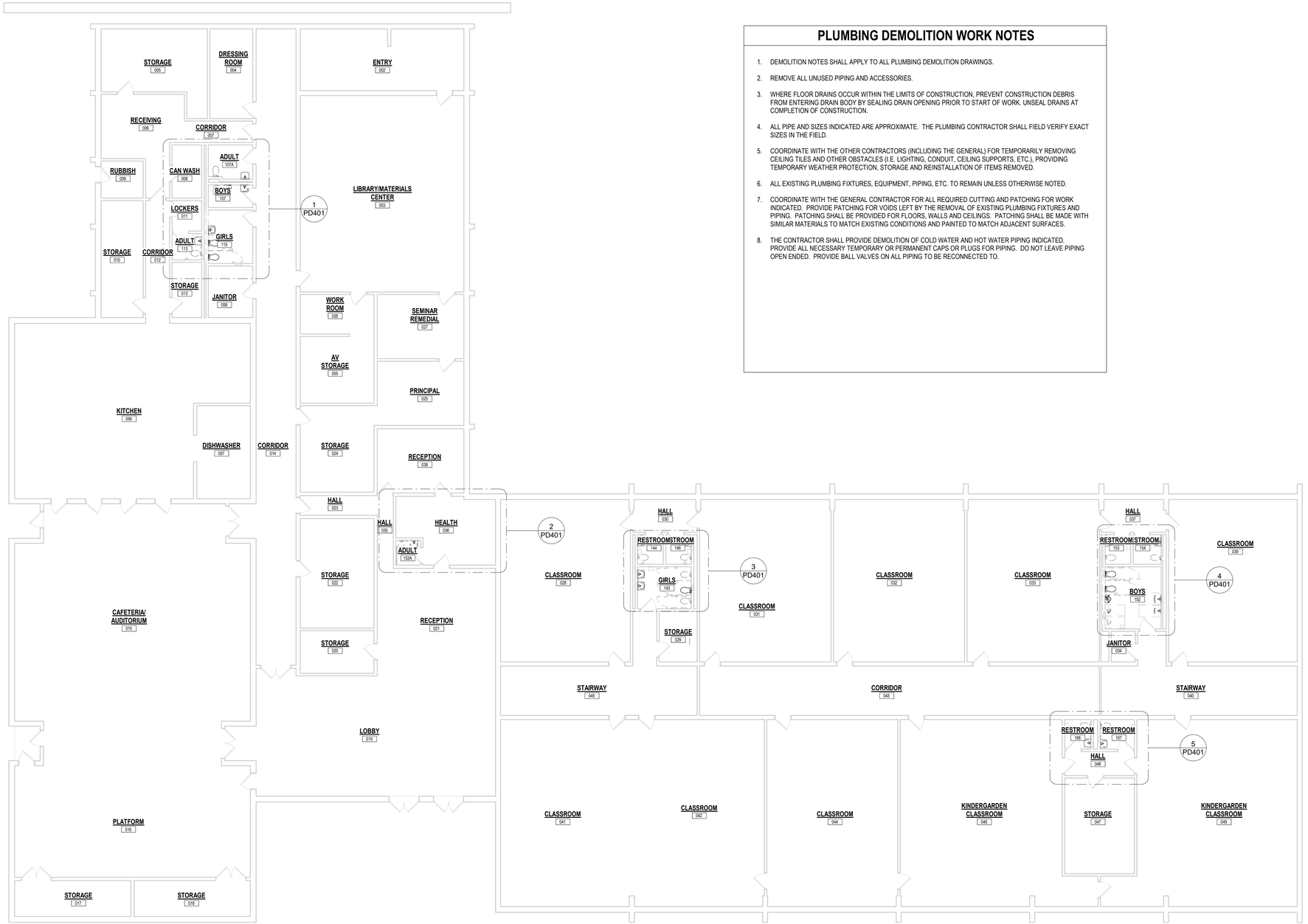

1 FIRST FLOOR DEMOLITION PLAN
3/32" = 1'-0"

PLUMBING DEMOLITION WORK NOTES

1. DEMOLITION NOTES SHALL APPLY TO ALL PLUMBING DEMOLITION DRAWINGS.
2. REMOVE ALL UNUSED PIPING AND ACCESSORIES.
3. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
4. ALL PIPE AND SIZES INDICATED ARE APPROXIMATE. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY EXACT SIZES IN THE FIELD.
5. COORDINATE WITH THE OTHER CONTRACTORS (INCLUDING THE GENERAL) FOR TEMPORARILY REMOVING CEILING TILES AND OTHER OBSTACLES (I.E. LIGHTING, CONDUIT, CEILING SUPPORTS, ETC.), PROVIDING TEMPORARY WEATHER PROTECTION, STORAGE AND REINSTALLATION OF ITEMS REMOVED.
6. ALL EXISTING PLUMBING FIXTURES, EQUIPMENT, PIPING, ETC. TO REMAIN UNLESS OTHERWISE NOTED.
7. COORDINATE WITH THE GENERAL CONTRACTOR FOR ALL REQUIRED CUTTING AND PATCHING FOR WORK INDICATED. PROVIDE PATCHING FOR VOIDS LEFT BY THE REMOVAL OF EXISTING PLUMBING FIXTURES AND PIPING. PATCHING SHALL BE PROVIDED FOR FLOORS, WALLS AND CEILINGS. PATCHING SHALL BE MADE WITH SIMILAR MATERIALS TO MATCH EXISTING CONDITIONS AND PAINTED TO MATCH ADJACENT SURFACES.
8. THE CONTRACTOR SHALL PROVIDE DEMOLITION OF COLD WATER AND HOT WATER PIPING INDICATED. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR PIPING. DO NOT LEAVE PIPING OPEN ENDED. PROVIDE BALL VALVES ON ALL PIPING TO BE RECONNECTED TO.

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Approved By:	MER
W&S Project No.:	ENG22-0300
W&S File No.:	XXX

Drawing Title:
FIRST FLOOR DEMO PLUMBING PLAN

Sheet Number:
PD101

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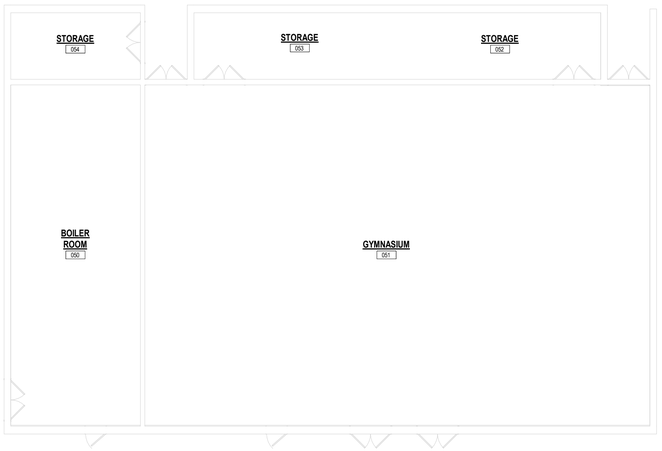

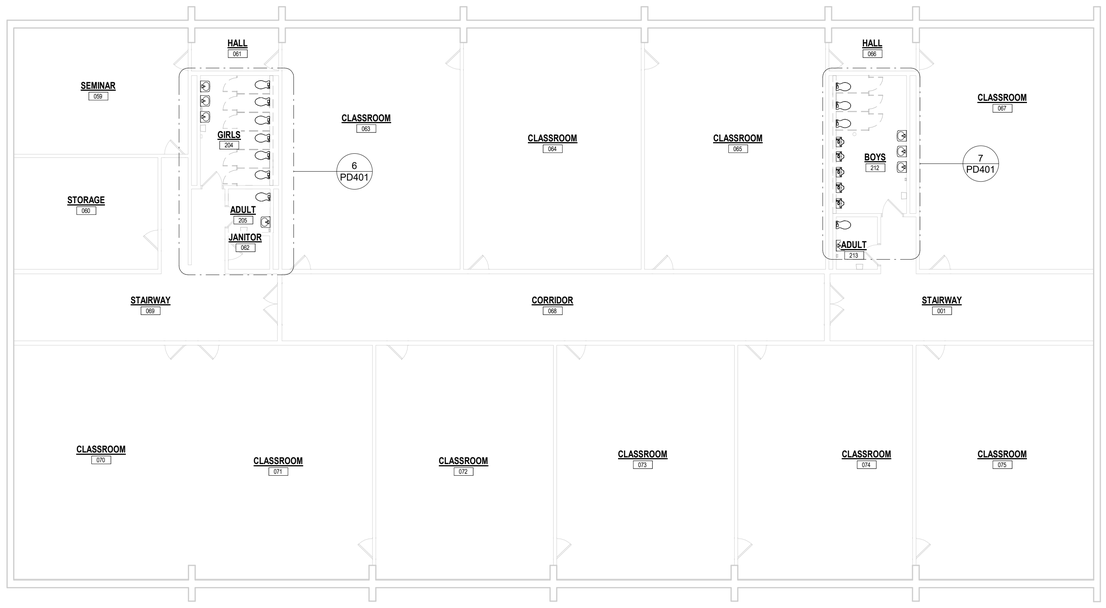

1 SECOND FLOOR DEMOLITION PLAN
3/32" = 1'-0"

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Scale: 3/32" = 1'-0"

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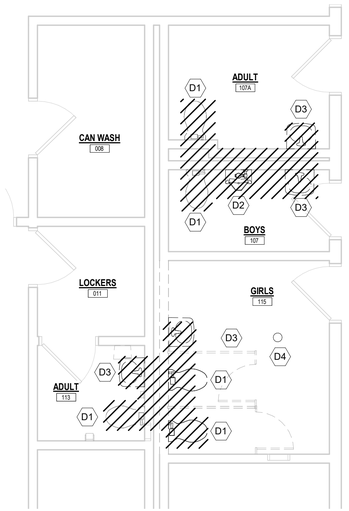
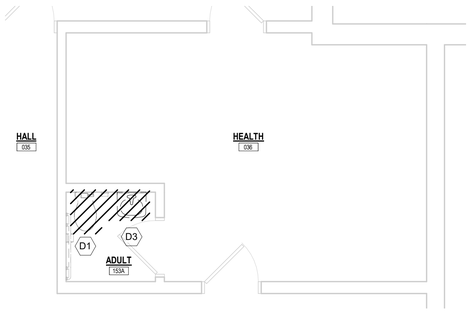
Approved By:	MER
W&S Project No.:	ENG22-0300
W&S File No.:	XXX

Drawing Title:
SECOND FLOOR DEMOLITION PLAN

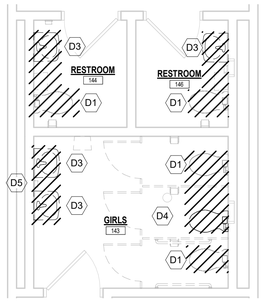
Sheet Number:
PD102



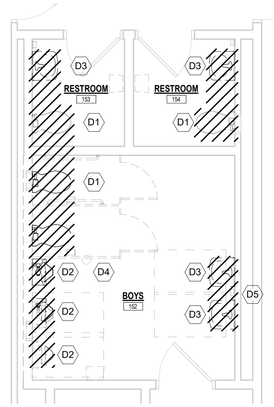
1 FIRST FLOOR ENLARGED RESTROOM DEMO PLAN -A
1/4" = 1'-0" 1/ PD101



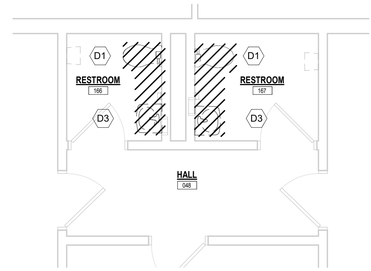
2 FIRST FLOOR ENLARGED RESTROOM DEMO PLAN - B
1/4" = 1'-0" 1/ PD101



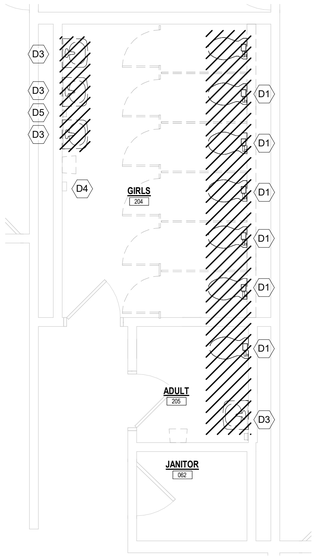
3 FIRST FLOOR ENLARGED RESTROOM DEMO PLAN - C
1/4" = 1'-0" 1/ PD101



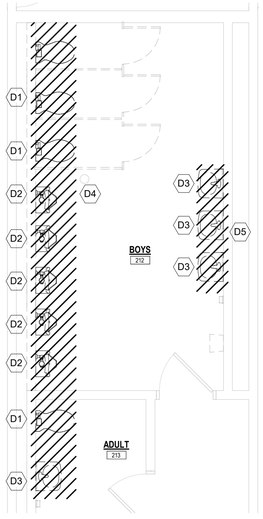
4 FIRST FLOOR ENLARGED RESTROOM DEMO PLAN - D
1/4" = 1'-0" 1/ PD101



5 FIRST FLOOR ENLARGED RESTROOM DEMO PLAN - E
1/4" = 1'-0" 1/ PD101



6 SECOND FLOOR ENLARGED RESTROOM DEMO PLAN -A
1/4" = 1'-0" 1/ PD102



7 SECOND FLOOR ENLARGED RESTROOM DEMO PLAN - B
1/4" = 1'-0" 1/ PD102

DEMOLITION KEYNOTES	
D1	EXISTING WATER CLOSET AND FLUSH VALVE TO BE REMOVED FOR REPLACEMENT. EXISTING WASTE, VENT AND SUPPLY PIPING TO BE CAPPED.
D2	EXISTING URINAL AND FLUSH VALVE TO BE REMOVED FOR REPLACEMENT. EXISTING WASTE, VENT AND SUPPLY PIPING TO BE CAPPED.
D3	EXISTING LAVATORY AND FAUCET TO BE REMOVED FOR REPLACEMENT. SUPPLY PIPING TO BE CAPPED.
D4	
D5	EXISTING HOSE BIBB TO BE REMOVED FOR REPLACEMENT. SUPPLY PIPING CAPPED.

DEMOLITION NOTES

1. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES IN EXISTING RESTROOMS.
2. DISCONNECT EXISTING PLUMBING FIXTURES FROM CW, HW, SANITARY WASTE AND VENT PIPING. TEMPORARY CAP EXISTING PIPING FOR REUSE.
3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INTEGRITY, CONDITION AND LOCATION OF PIPING WHICH SHALL BE REUSED. IF PIPING CAN NOT BE REUSED, THE PLUMBING CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER TO DETERMINE EXTENT OF THE REPLACEMENT.
4. INFORM AND COORDINATE WITH THE OWNER ALL NECESSARY INTERRUPTIONS TO EXISTING BUILDING SYSTEMS AND SERVICE THAT MAY AFFECT THE NORMAL OPERATION OF OCCUPIED PORTIONS OF THE BUILDING. THE OWNER SHALL BE INFORMED OF ANY INTERRUPTIONS AT LEAST TWO WEEKS IN ADVANCE.

   NOTE: INFORMATION REGARDING THE EXISTING PIPING IS NOT AVAILABLE. BEFORE CONSTRUCTION, CONTRACTOR SHALL RECORD PIPING LAYOUT, SIZES AND CONDITION.

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Drawing Title: ENLARGED DEMOLITION PLANS

Sheet Number: PD401

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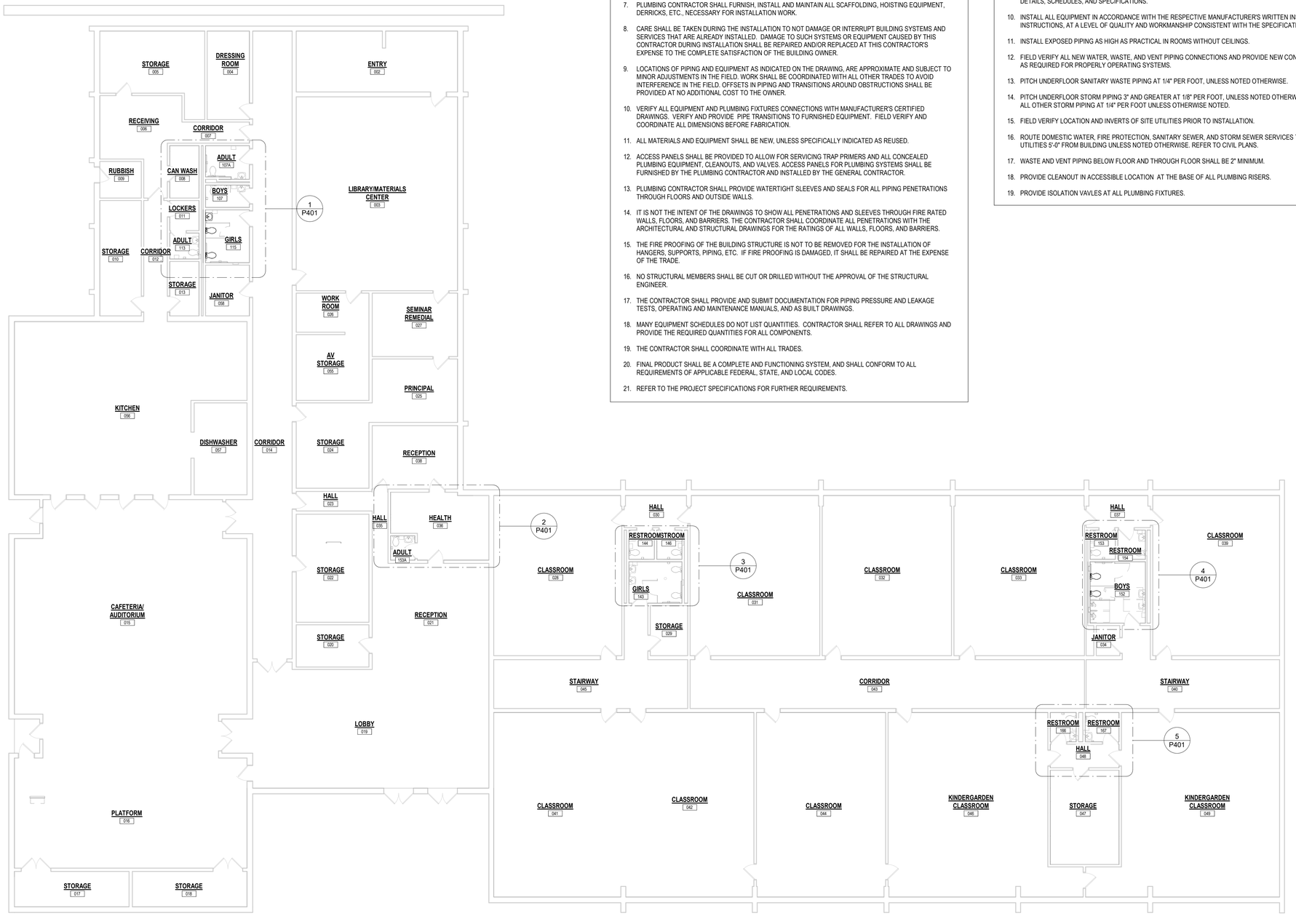

1 FIRST FLOOR PLUMBING PLAN
3/32" = 1'-0"

PLUMBING GENERAL NOTES

1. PLUMBING GENERAL NOTES APPLY TO ALL PLUMBING DRAWINGS. THE WORD "CONTRACTOR" USED IN "PLUMBING" WORK SHALL MEAN THE PLUMBING OR PLUMBING CONTRACTOR.
2. PLUMBING WORK OF THIS PROJECT REQUIRES FILED SUB-BIDS. FOR ADDITIONAL INFORMATION REFER TO SPECIFICATIONS SECTION 22 00 01 - PLUMBING SUB-BID REQUIREMENTS.
3. ALL PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH 248 CMR 10.00: UNIFORM STATE PLUMBING CODE, 248 CMR 4.00: MASSACHUSETTS FUEL GAS CODE, AND OTHER APPLICABLE STATE AND LOCAL CODES AND STANDARDS.
4. ALL PLUMBING EQUIPMENT, FIXTURES AND MATERIALS SHALL BE PRODUCT APPROVED BY THE MASSACHUSETTS BOARD OF REGISTRATION OF PLUMBING AND GAS FITTERS.
5. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL FEES ASSOCIATED WITH THIS WORK PRIOR TO COMMENCEMENT.
6. THE CONTRACTOR SHALL INSPECT THE EXISTING FIELD CONDITIONS AT THE SITE PRIOR TO THE START OF ANY WORK TO DETERMINE WHAT EFFECT THE EXISTING CONDITIONS WILL HAVE ON HIS WORK. POTENTIAL PROBLEM AREAS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
7. PLUMBING CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL SCAFFOLDING, HOISTING EQUIPMENT, DERRICKS, ETC., NECESSARY FOR INSTALLATION WORK.
8. CARE SHALL BE TAKEN DURING THE INSTALLATION TO NOT DAMAGE OR INTERRUPT BUILDING SYSTEMS AND SERVICES THAT ARE ALREADY INSTALLED. DAMAGE TO SUCH SYSTEMS OR EQUIPMENT CAUSED BY THIS CONTRACTOR DURING INSTALLATION SHALL BE REPAIRED AND/OR REPLACED AT THIS CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE BUILDING OWNER.
9. LOCATIONS OF PIPING AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD. OFFSETS IN PIPING AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
10. VERIFY ALL EQUIPMENT AND PLUMBING FIXTURES CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. VERIFY AND PROVIDE PIPE TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DIMENSIONS BEFORE FABRICATION.
11. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UNLESS SPECIFICALLY INDICATED AS REUSED.
12. ACCESS PANELS SHALL BE PROVIDED TO ALLOW FOR SERVICING TRAP PRIMERS AND ALL CONCEALED PLUMBING EQUIPMENT, CLEANOUTS, AND VALVES. ACCESS PANELS FOR PLUMBING SYSTEMS SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
13. PLUMBING CONTRACTOR SHALL PROVIDE WATERTIGHT SLEEVES AND SEALS FOR ALL PIPING PENETRATIONS THROUGH FLOORS AND OUTSIDE WALLS.
14. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL PENETRATIONS AND SLEEVES THROUGH FIRE RATED WALLS, FLOORS, AND BARRIERS. THE CONTRACTOR SHALL COORDINATE ALL PENETRATIONS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR THE RATINGS OF ALL WALLS, FLOORS, AND BARRIERS.
15. THE FIRE PROOFING OF THE BUILDING STRUCTURE IS NOT TO BE REMOVED FOR THE INSTALLATION OF HANGERS, SUPPORTS, PIPING, ETC. IF FIRE PROOFING IS DAMAGED, IT SHALL BE REPAIRED AT THE EXPENSE OF THE TRADE.
16. NO STRUCTURAL MEMBERS SHALL BE CUT OR DRILLED WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
17. THE CONTRACTOR SHALL PROVIDE AND SUBMIT DOCUMENTATION FOR PIPING PRESSURE AND LEAKAGE TESTS, OPERATING AND MAINTENANCE MANUALS, AND AS BUILT DRAWINGS.
18. MANY EQUIPMENT SCHEDULES DO NOT LIST QUANTITIES. CONTRACTOR SHALL REFER TO ALL DRAWINGS AND PROVIDE THE REQUIRED QUANTITIES FOR ALL COMPONENTS.
19. THE CONTRACTOR SHALL COORDINATE WITH ALL TRADES.
20. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
21. REFER TO THE PROJECT SPECIFICATIONS FOR FURTHER REQUIREMENTS.

PLUMBING NEW WORK NOTES

1. NEW WORK NOTES SHALL APPLY TO ALL PLUMBING NEW WORK DRAWINGS.
2. EXISTING PIPE SIZES INDICATED ARE APPROXIMATE. FIELD VERIFY EXISTING PIPE SIZES AFTER INSULATION IS REMOVED. PROVIDE TRANSITIONS FROM EXISTING PIPING TO NEW PIPING AS REQUIRED.
3. REFER TO PLUMBING GENERAL NOTES ON XXX FOR NEW PLUMBING WORK PHASING REQUIREMENTS.
4. LOCATE , PIPING AND PLUMBING EQUIPMENT OUTSIDE OF THE REQUIRED ELECTRICAL CLEARANCES ABOVE/AROUND ELECTRICAL PANELS. TRANSFORMERS, AND OTHER ELECTRICAL EQUIPMENT.
5. FIRE SEAL AROUND PIPING PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATIONS.
6. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
7. ADJUST PIPING SIZES TO PROPERLY CONNECT TO PLUMBING EQUIPMENT.
8. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
9. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
10. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
11. INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
12. FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
13. PITCH UNDERFLOOR SANITARY WASTE PIPING AT 1/4" PER FOOT, UNLESS NOTED OTHERWISE.
14. PITCH UNDERFLOOR STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER STORM PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
15. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
16. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
17. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
18. PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING RISERS.
19. PROVIDE ISOLATION VAVLES AT ALL PLUMBING FIXTURES.

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Drawing Title:
PLUMBING PIPING PLAN

Sheet Number:
P101

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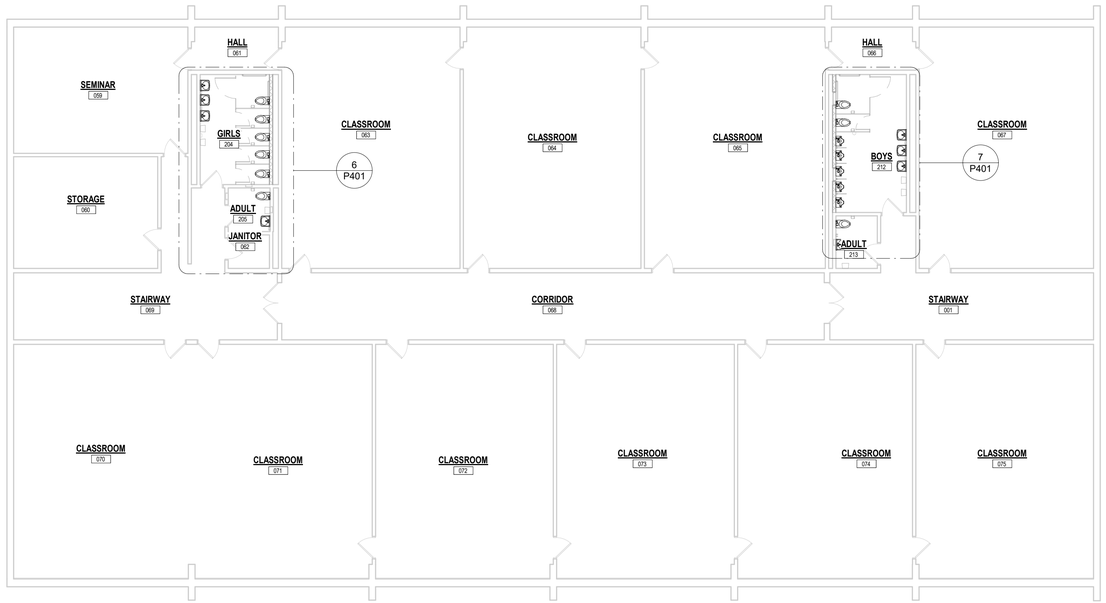

1 SECOND FLOOR PLUMBING PLAN
3/32" = 1'-0"

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Project:
COMMUNITY EDUCATION RESTROOM RENOVATIONS
170 DALTON RD, CHELMSFORD, MA 01824
TOWN OF CHELMSFORD

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Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For: BIDDING

Scale: 3/32" = 1'-0"

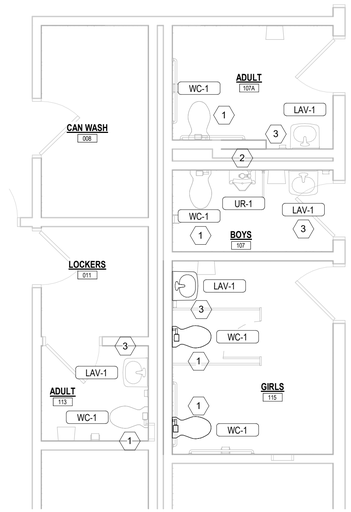
Key Plan:

NORTH

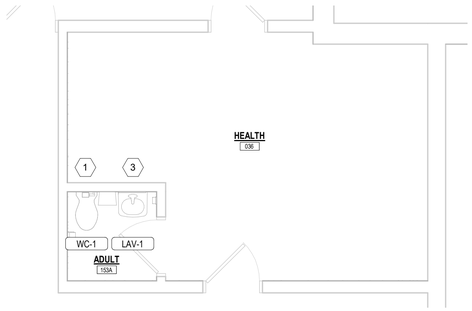
Date:	JUNE 22, 2022
Draw By:	DRB
Reviewed By:	MER
Approved By:	MER
W&S Project No.:	ENG22-0300
W&S File No.:	XXX

Drawing Title: PLUMBING SECOND FLOOR PLAN

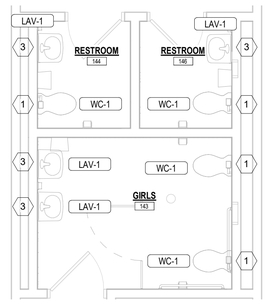
Sheet Number: P102



1 FIRST FLOOR ENLARGED RESTROOM PLAN -A
1/4" = 1'-0" 1/ P101



2 FIRST FLOOR ENLARGED RESTROOM PLAN - B
1/4" = 1'-0" 1/ P101



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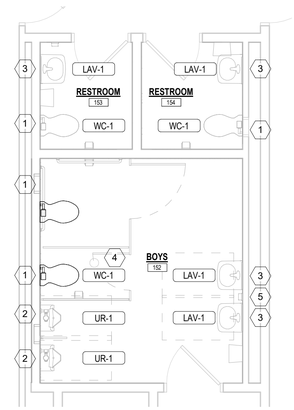

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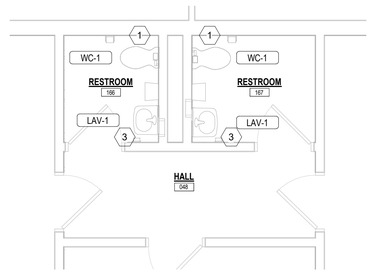

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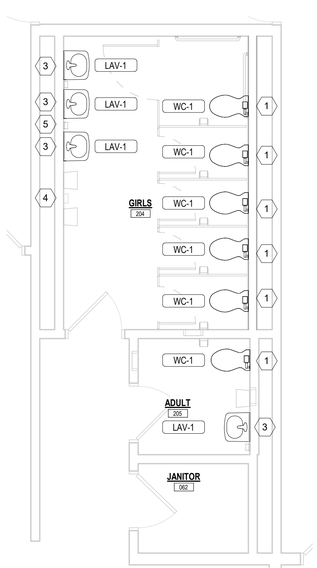
1/4" = 1'-0" 1/ P101



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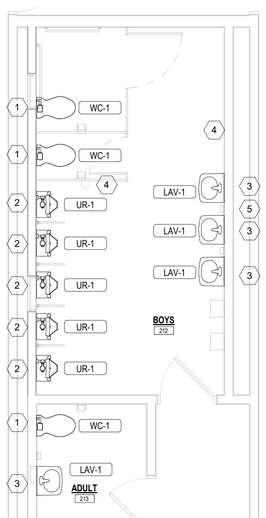
1/4" = 1'-0" 1/ P102



7 SECOND FLOOR ENLARGED RESTROOM PLAN - B
1/4" = 1'-0" 1/ P102

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE					FITTING			TRAP	CARRIER	FLOW RATE	REMARKS
	TYPE	MANUFACTURER	MODEL	DESCRIPTION	SIZE	MANUFACTURER	TYPE	SUPPLY				
WC-1	WATER CLOSET	AMERICAN STANDARD	2257.101	WALL MOUNTED FLUSHOMETER VALVE VITREOUS CHINA WATER CLOSET 1.28 GPF...	26"-14"-15"	TOTO	SELF-POWERED HYDROELECTRIC FLUSH VALVE 1.28 GPF	1"	INTEGRAL	JAY R SMITH OR EQUAL	1.28 GPF	ELONGATED BOWL LESS SEAT. MODEL 2257.101, REFER TO ARCHITECTURAL PLANS FOR ADA MOUNTING REQUIREMENTS. FIXTURES MUST BE WATERSENSE LABELED.
UR-1	URINAL	AMERICAN STANDARD	6590.001	WALL MOUNTED VITREOUS CHINA WASHOUT JET URINAL 0.5 GPF	14-1/8"x18-7/8"x26-1/8"	TOTO	SELF-POWERED HYDROELECTRIC FLUSH VALVE 0.5 GPF	3/4"	INTEGRAL	JAY R SMITH OR EQUAL	0.5 GPF	REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING REGULATIONS. FIXTURES MUST BE WATERSENSE LABELED.
LAV-1	LAVATORY	TOTO	LT307	WALL HUNG	21"x18-1/4"	AMERICAN STANDARD	METERING FAUCET MODEL 13401.109, 0.5 GPM	1/2" CW 1/2" HW	1-1/2" CHROME PLATED BRASS P-TRAP W/CO PLUG FOR ADA...	JAY R SMITH OR EQUAL	0.5 GPM	TRAPS AND SUPPLIES TO BE INSULATED WITH TRU-BRO PREFORMED INSULATION KIT PROVIDE ACORN ST70 LAVATORY MIXING VALVE. FIXTURES MUST BE WATERSENSE LABELED.
HB-1	HOSE BIBB	WOODFORD	40SC	N/A	N/A	WOODFORD	CHROME PLATED WALL MOUNTED SILL FITTING	1/2" CW				PROVIDE WITH VACUUM BREAKER AND T HANDLE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
ALL PLUMBING FIXTURES AND EQUIPMENT SHALL BE MASSACHUSETTS PLUMBING BOARD APPROVED

KEYNOTE	
1	FURNISH AND INSTALL NEW WALL HUNG WATER CLOSET, CONNECT EXISTING WASTE, VENT AND SUPPLY PIPING CAPPED AT WALL. ALL NECESSARY WASTE, WATER MODIFICATIONS, FITTINGS AND GASKETS SHALL BE INCLUDED.
2	FURNISH AND INSTALL NEW URINAL. CONNECT TO EXISTING WASTE,VENT AND SUPPLY PIPING CAPPED AT WALL. ALL NECESSARY WASTE, WATER MODIFICATIONS, FITTINGS AND GASKETS SHALL BE INCLUDED.
3	FURNISH AND INSTALL NEW LAVATORY, FAUCET, GRID STRAINERS, TRAPS, WALL STOPS AND FAUCET SUPPLIES TO EXISTING CONNECTIONS
4	FURNISH AND INSTALL NEW FLOOR DRAIN COVER (NEW TO MATCH EXISTING). ADJUST FLOOR DRAIN STRAINER TO BE LEVEL WITH NEW FLOORING.
5	FURNISH AND INSTALL NEW HOSE BIBB, CONNECT TO EXISTING SUPPLY PIPING.TALL NEW HOSE BIBB, CONNECT TO EXISTING SUPPLY PIPING.

PLUMBING NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL PLUMBING FIXTURES.
2. ALL PIPING SHALL BE PROPERLY SUPPORTED FROM BUILDING STRUCTURE.
3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INTEGRITY, CONDITION AND LOCATION OF EXISTING PIPING WHICH SHALL BE REUSED, IF PIPING CAN NOT BE REUSED, THE PLUMBING CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER TO DETERMINE THE EXTENT OF REPLACEMENT.
4. INFORM AND COORDINATE WITH THE OWNER ALL NECESSARY INTERRUPTIONS TO EXISTING BUILDING SYSTEMS AND SERVICE THAT MIGHT AFFECT THE NORMAL OPERATIONS OF OCCUPIED PORTIONS OF THE BUILDING. THE OWNER SHALL BE INFORMED OF ANY INTERRUPTIONS AT LEAST TWO WEEKS IN ADVANCE.

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W&S Project No.:	ENG22-0300
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Drawing Title:
ENLARGED PLANS

Sheet Number:
P401

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